

Research Project Proposal

1. **Title of the Research Project:** “Combining MeerKAT and ALMA Observations to Explore Environmental Influences on the Cold Gas Reservoirs of Dwarf Galaxies in the Virgo Cluster”
2. **Research Category:** Science
3. **Academic Level:** Master’s
4. **Primary Supervisor’s Details:**
 - (a) Full Name of Primary Supervisor: Prof. D.J. Pisano
 - (b) Email Address of Primary Supervisor: dj.pisano@uct.ac.za
 - (c) University of Primary Supervisor: UCT
5. **Co-supervisor/Research Supervisor’s Details (if relevant):**
 - (a) Full Name of Co-supervisor/Research Supervisor: Dr. Nikki Zabel
 - (b) Email Address of Co-supervisor/Research Supervisor: nikki.zabel@uct.ac.za
 - (c) Research Institute of Co-supervisor/Research Supervisor: SAAO
6. **Abstract of the Research Project:**

This project will combine MeerKAT HI data from the Virgo Cluster multi Telescope Observations in Radio of Interacting galaxies and AGN (ViCTORIA) project and CO(2-1) observations from the Atacama Large Millimeter/submillimeter Array (ALMA) Atacama Compact Array (ACA) to study the effects of the Virgo cluster environment on dwarf galaxies. The student will reduce and publish the ALMA observations for five such dwarf galaxies for the first time, and compare these resolved molecular gas maps to the resolved atomic gas maps from MeerKAT to study in detail how both gas phases are affected by environmental processes.

Details of the Research Project

1. Scientific Merit:

Dense environments harbour a relatively large fraction of passive galaxies^{1,2}, suggesting that the star formation in galaxies residing in such environments is quenched more rapidly than that in more isolated galaxies in the “field”. With almost half of the galaxies in the local Universe residing in groups or clusters³, understanding environmentally driven galaxy evolution is key. Broadly, there are two categories of environmental processes: hydrodynamical interactions, such as the lack of gas accretion (“starvation”) and the more violent removal of the interstellar medium (ISM) through ram pressure stripping (RPS)⁴; and galaxy-galaxy interactions, which are typically high-speed flybys⁵. A key question is which (combination of) processes is most effective at quenching star formation, and to what extent this varies between environments.

Distributed in extended discs and relatively loosely bound, HI has long been an effective tracer of these processes^{6–10}. With the introduction of the SKA precursors, however, these studies have become much more detailed, pushing the limits of sensitivity and resolution^{11–13}. In fact, probing the atomic gas in galaxies in dense environment is one of MeerKAT’s primary scientific objectives. One significant benefit is the ability to now trace HI in much lower-mass galaxies than previously possible¹¹. Dwarf galaxies, which are plentiful in galaxy clusters, have historically been underrepresented in environmental studies, which have predominantly focused on more massive spiral galaxies.

Because of their low gravitational potentials, the ISM of low-mass galaxies are easily affected by their environment, making them excellent probes of external quenching mechanisms in a variety of wavelengths. Furthermore, low-mass galaxies are the most common galaxies in the Universe (including in clusters, where dwarf ellipticals are especially abundant), and the building blocks of their more massive counterparts. Thus, if we aim to understand the formation history and evolution of galaxies, we need to include these objects in our studies. Optical photometry of dwarfs in clusters have revealed structures such as spiral arms, discs, bars, nuclei, and cores, suggesting that at least a fraction of them were originally (low-mass) spiral galaxies, that were transformed by the cluster environment^{14,15}.

Additionally, while HI serves as a highly effective tracer of environmental processes, star formation ultimately occurs in molecular clouds. Therefore, to gain a comprehensive understanding of environmental quenching and the transformation of galaxies from active to passive states within the cluster environment, it is crucial to examine molecular gas in addition to HI, to cover this intermediate step.

The proposed project will leverage data from the first blind MeerKAT survey of the Virgo cluster (ViCTORIA), combined with unpublished ALMA data that we have in hand, to investigate how environmental factors influence the evolution of dwarf galaxies in dense environments. While detailed studies of the cold interstellar medium (ISM) in galaxies within nearby clusters are a well-established research area, dwarf galaxies – abundant in such clusters – remain relatively underexplored. As a result, this project offers the student the opportunity to contribute a novel insight to one of MeerKAT’s key research fields.

2. Feasibility:

The ALMA data will be processed and imaged using CASA along with scripts provided by the ALMA support team. The resulting data cubes, in combination with the available MeerKAT data, will be analysed using software tools like CARTA and iDaVIE. Higher-level data products, including moment maps, position-velocity diagrams, and spectra, will be generated through custom `Python` scripts. To facilitate a meaningful comparison between the two datasets, post-processing techniques such as regridding and image smoothing will be applied. Standard mathematical methods will be employed to derive the necessary physical measurements.

3. Skills Development:

This project will require the student to acquire a diverse range of skills. In addition to gaining an in-depth understanding of MeerKAT and familiarising themselves with the current status and literature on galaxy evolution in dense environments, the student will learn about interferometry and the process of interferometric data reduction. They will also enhance their `Python` programming skills, become proficient in using widely adopted software tools in the field, and develop their writing and communication abilities. The student will have exposure to international collaborations and gain insight into multi-wavelength astronomy. Furthermore, there will be ample opportunity to apply for follow-up observations, such as those with ALMA or SALT, allowing the student to gain experience in writing telescope proposals.

4. Availability of Resources:

The necessary MeerKAT and ALMA data will be readily accessible to the student. They will have access to Ilifu for data processing and will be able to collaborate with researchers at UCT, SAAO, and international experts in the field, who will provide guidance and support throughout the project.

5. Milestones and Time-frames:

In the first six months, the student will concentrate on familiarising themselves with the relevant literature and thoroughly exploring the MeerKAT and ALMA data. By the end of the first year, the data should be processed and imaged, with most high-level data products completed. In the first half of the second year, the student will focus on integrating and comparing the MeerKAT and ALMA datasets. The second half of the second year will be dedicated to data interpretation and writing up the results.

6. Qualifications and Skills Required (if relevant):

The student should possess a basic understanding of programming in `Python`, along with a background in galaxy evolution and interstellar medium (ISM) studies. Strong communication and writing skills, as well as effective time management abilities, will also be essential for success in the project.

References

- 1 Oemler, 1974, *ApJ*, 194, 10
- 2 Dressler, 1980, *ApJ*, 236, 351
- 3 Robotham A. S. G., et al., 2011, *MNRAS*, 416, 2640
- 4 Gunn & Gott, 1972, *ApJ*, 176, 1
- 5 Moore et al., 1996, *Nature*, 379, 613
- 6 Chung et al., 2009, *ApJS*, 184, 199
- 7 Alighieri et al., 2007, *A&A*, 474, 851
- 8 Odekon et al., 2016, *ApJ*, 824, 110
- 9 Loni et al., 2021, *A&A*, 648, A31
- 10 Horellou et al., 1995, *A&A*, 303, 361
- 11 Serra et al., 2023, *A&A*, 673, A146
- 12 Boselli et al., 2023, *A&A*, 676, A92
- 13 De Blok et al., 2024, *A&A*, 688, A109
- 14 Pedraz et al., 2002, *MNRAS*, 332, L59
- 15 Ryś et al., 2013, *MNRAS*, 428, 2980

Application

Title	Prof
Initials	D.J.
Name	Daniel Pisano
Email	dj.pisano@uct.ac.za
ID/Passport Number	A81491759
Race	White
Gender	Male
Citizenship	South African permanent resident
Organisation	University of Cape Town
Birth Date	28 August 1974
Date Generated	27 February 2026 12:00

Table Of Contents

[Career History](#)

[Patents](#)

[Qualifications/Certifications](#)

[Research Expertise](#)

[Scientific Domain](#)

[Primary Research Fields](#)

[Secondary Research Fields](#)

[Field Of Specialisation](#)

[Research Outputs](#)

[Summary](#)

[Artefacts](#)

[Articles in Non-refereed/Non-peer Reviewed Journals](#)

[Articles in Refereed/Peer-reviewed Journals](#)

[Books](#)

[Books Edited by Applicant](#)

[Chapters in Books](#)

[Keynote/Plenary Addresses](#)
[Other Recognised Research Outputs](#)
[Other Significant Conference Outputs](#)
[Products](#)
[Prototypes](#)
[Refereed/Peer-reviewed Conference Outputs](#)
[Technical/Policy Reports](#)

[Student Supervision](#)

[Personal Details](#)

CV

Career History

Position

Full Professor

Organisation

University of Cape Town, Dept. of Astronomy

Type

Permanent appointment

Sector

Higher Education Sector

Is Current

Yes

Appointed From

2022-01-01

Position

Full Professor

Organisation

West Virginia University, Dept. of Physics & Astronomy

Type

Permanent appointment

Sector

Higher Education Sector

Is Current

No

Appointed From

2020-08-01

Appointed To

2024-05-13

Position

Department Chair

Organisation

West Virginia University, Dept. of Physics & Astronomy

Type

Permanent appointment

Sector

Higher Education Sector

Is Current

No

Appointed From

2019-07-01

Appointed To
2021-12-31

Position
Associate Professor

Organisation
West Virginia University, Dept. of Physics & Astronomy

Type
Permanent appointment

Sector
Higher Education Sector

Is Current
No

Is Fulltime
Yes

Appointed From
2014-08-01

Appointed To
2020-07-01

Position
Assistant Professor

Organisation
West Virginia University, Dept. of Physics & Astronomy

Type
Temporary appointment

Sector
Higher Education Sector

Is Current
No

Is Fulltime
No

Appointed From
2009-01-01

Appointed To
2014-07-01

Position
Green Bank Telescope Postdoctoral Associate

Organisation
National Radio Astronomy Observatory - Green Bank

Type
Contract appointment

Sector
Science Councils and National Research
Facilities

Is Current
No

Is Fulltime
Yes

Appointed From
2007-01-01

Appointed To
2009-12-01

Position
National Research Council Research Associate

Organisation
Naval Research Laboratory

Type Contract appointment	Sector Science Councils and National Research Facilities
Is Current No	Is Fulltime Yes
Appointed From 2005-01-01	Appointed To 2006-12-01

Position
Bolton Fellow

Organisation CSIRO - Australia Telescope National Facility	
Type Contract appointment	Sector Science Councils and National Research Facilities
Is Current No	Is Fulltime Yes
Appointed From 2003-09-01	Appointed To 2004-12-01

Position
NSF MPS Distinguished International Research Fellow

Organisation CSIRO - Australia Telescope National Facility	
Type Contract appointment	Sector Science Councils and National Research Facilities
Is Current No	Is Fulltime Yes
Appointed From 2001-09-01	Appointed To 2004-12-01

Patents

Full Title N/A	Description N/A
Inventor N/A	

Qualifications/Certifications

Academic Level of Qualification Doctoral	Name Of Degree/Diploma (e.g. PhD) PhD
Title of Thesis/Dissertation The Formation and Evolution of Isolated Galaxies	Fulltime Yes
Distinction No	Date of First Registration 1996-09-01
Completed Yes	Highest Qualification Yes
Attachment UW PhD transcript	Submission Document Pisano D Transcript-1.pdf
Academic Level of Qualification Masters	Name Of Degree/Diploma (e.g. PhD) MS
Fulltime Yes	Distinction No
Date of First Registration 1996-09-01	Completed Yes
Highest Qualification No	Attachment UW MS transcript
Submission Document Pisano D Transcript-1.pdf	
Academic Level of Qualification Bachelors	Name Of Degree/Diploma (e.g. PhD) BS
Fulltime Yes	Distinction No
Date of First Registration 1992-08-01	Completed Yes
Highest Qualification No	Attachment Yale Diploma
Submission Document yale_diploma.pdf	

Research Expertise

Scientific Domain

Natural Sciences

Primary Research Fields

Secondary Research Fields

Astronomy

Field Of Specialisation

Extragalactic astrophysics	Radio Astronomy and Astrophysics
Galaxy evolution	Galaxy formation
Interstellar medium	Galaxy gas content

Research Outputs

Summary

	2026	2025	2024	2023	2022	2021	2020	2019	2018	Total
Articles in Non-refereed/Non-peer Reviewed Journals	0	2	0	0	0	0	1	0	0	3
Articles in Refereed/Peer-reviewed Journals	0	9	9	8	16	7	9	18	11	87
Keynote/Plenary Addresses	0	0	1	0	0	0	0	2	2	5
Other Recognised Research Outputs	0	0	0	0	0	0	2	0	0	2
Other Significant Conference Outputs	0	0	9	0	0	0	3	4	4	20
Refereed/Peer-reviewed Conference Outputs	0	0	0	0	8	0	10	4	18	40

Artefacts

Authors

N/A

Description

N/A

Status

Not relevant

Articles in Non-refereed/Non-peer Reviewed Journals

Output Title

Detection of 1665/1667 MHz OH absorption in 3I/ATLAS

Title of Journal

The Astronomer's Telegram

Authors

D.J. Pisano, O. Smirnov, N. Ivchenko, L. Roth, S. Buchner

Volume 17473	Status Published/produced
Year 2025	Page From 1
Page To 1	Publisher The Astronomer's Telegram
DOI None	

Output Title

Further MeerKAT observations of 1665/1667 MHz OH in absorption and emission, and a technosignature search in 3I/ATLAS

Title of Journal The Astronomer's Telegram

Authors

Pisano, D. J. ; Smirnov, Oleg M. ; Ivchenko, Mykola ; Roth, Lorenz ; Buchner, Sarah ; Tremblay, Chenoa ; Siemion, Andrew ; Camilo, Fernando

Volume 17499	Status Published/produced
Year 2025	Page From 1
Page To 1	Publisher The Astronomer's Telegram
DOI None	

Output Title

Obituary: John E. Littleton (1943-2010)

Title of Journal Bulletin of the American Astronomical Society

Authors

Hugh M. Van Horn,Earl Scime,D. J. Pisano,Maura McLaughlin,Duncan Lorimer

Volume 52	Status Published/produced
Year 2020	Publisher American Astronomical Society
DOI 10.3847/25c2cfef.2d670f52	

Output Title
Andromeda Strain

Title of Journal
Natural History

Authors
D.J. Pisano

Volume
113

Status
Published/produced

Year
2004

Publisher
Howard Richman

DOI
N/A

Articles in Refereed/Peer-reviewed Journals

Output Title
N/A

Title of Journal
The Astronomical Journal

Authors
Nicholas M. Lubner, Min S. Yun, Hansung B. Gim, Daniel Krista-Kelsey, D.J. Pisano, Emmanuel Momjian, Chris Hales

Volume
170

Status
Published/produced

Year
2025

Page From
59

Page To
78

Publisher
American Astronomical Society

DOI
10.3847/1538-3881/add2f2

Output Title
N/A

Title of Journal
The Astronomical Journal

Authors
Hansung B. Gim, Min S. Yun, Nicholas M. Lubner, Emmanuel Momjian, D. J. Pisano, Kelley M. Hess, Julia Blue Bird, Lucas Hunt

Volume
170

Status
Published/produced

Year
2025

Page From
60

Page To
73

Publisher
American Astronomical Society

DOI
10.3847/1538-3881/adde56

Output Title
N/A

Title of Journal
The Astrophysical Journal

Authors
Nicholas Lubner, D. J. Pisano, J. H. van Gorkom, Julia Blue Bird, Richard Dodson, Hansung B. Gim, Kelley M. Hess, Lucas R. Hunt, Danielle Lucero, Martin Meyer, Emmanuel Momjian, Min S. Yun

Volume
985

Status
Published/produced

Year
2025

Page From
215

Page To
235

Publisher
American Astronomical Society

DOI
10.3847/1538-4357/adc715

Output Title
N/A

Title of Journal
The Astrophysical Journal

Authors
Nicholas M. Lubner, Farhanul Hasan, J. H. van Gorkom, D. J. Pisano, Joseph N. Burchett, Julia Blue Bird, Hansung B. Gim, Kelley M. Hess, Lucas R. Hunt, David C. Koo, Sushma Kurapati, Danielle Lucero, Nir Mandelker, Martin Meyer, Emmanuel Momjian, Daisuke Nagai, Joel R. Primack, Min S. Yun

Volume
985

Status
Published/produced

Year
2025

Page From
214

Page To
230

Publisher
American Astronomical Society

DOI
10.3847/1538-4357/adc448

Output Title
N/A

Title of Journal
The Astrophysical Journal

Authors

Alessandro Bianchetti, Francesco Sinigaglia, Giulia Rodighiero, Ed Elson, Mattia Vaccari, D.J. Pisano, Nicholas Luber, Isabella Prandoni, Kelley Hess, Maarten Baes, Elizabeth A.K. Adams, Filippo M. Maccagni, Alvio Renzini, Laura Bisigello, Min Yun, Emmanuel Momjian, Hansung B. Gim, Hengxing Pan, Thomas A. Oosterloo, Richard Dodson, Danielle Lucero, Bradley S. Frank, Olivier Ilbert, Luke J.M. Davies, Ali A. Khostovan, Mara Salvato

Volume 982	Status Published/produced
Year 2025	Page From 82
Page To 99	Publisher American Astronomical Society

DOI
10.3847/1538-4357/adb1b8

Output Title
N/A

Title of Journal The Astrophysical Journal Supplement Series	
ISBN Number Print:0067-0049 Electronic:1538-4365	Volume 279

Authors

E. W. Koch, A. K. Leroy, E. W. Rosolowsky, L. Chomiuk, J. J. Dalcanton, N. M. Pingel, S. K. Sarbadhicary, S. Stanimirović, F. Walter, H. N. Archer, A. D. Bolatto, M. P. Busch, H. Chen, R. Chown, H. Corbould, S. A. Cronin, J. Darling, T. Do, J. D. Meyer, C. Eibensteiner, D. Hunter, R. Indebetouw, P. Jagannathan, A. A. Kepley, C. Kim, S. Kim, T. O. Kovacs, J. Marvil, E. J. Murphy, C. E. Murray, J. Ott, D. Pisano, M. Putman, D. R. Rybarczyk, J. Roman-Duval, K. Sandstrom, E. Schinnerer, E. D. Skillman, A. Smercina, I. Stelea, J. Strader, J. Sun, D. Tallapaneni, E. Tarantino, V. Villanueva, D. R. Weisz, T. G. Williams, T. Wong

Status Published/produced	Year 2025
Page From 35	Page To 62

DOI
10.3847/1538-4365/ade0ad

Publisher American Astronomical Society
--

Output Title
N/A

Title of Journal Monthly Notices of the Royal Astronomical Society	
ISBN Number Print:0035-8711 Electronic:1365-2966	Volume 538

Authors

S. Kurapati, D. J. Pisano, W. J. G. de Blok, P. Kamphuis, N. Zabel, M. de Villiers, J. Healy, F. M. Maccagni, D. Kleiner, E. A. K. Adams, P. Amram, E. Athanassoula, F. Bigiel, A. Bosma, E. Brinks, L. Chemin, F. Combes, R. Dettmar, G. Józsa, B. Koribalski, A. Marasco, G. Meurer, M. Mogotsi, A. Mohapatra, S. H. A. Rajohnson, E. Schinnerer, A. Sorgho, K. Spekkens, L. Verdes-Montenegro, S. Veronese, F. Walter

Status

Published/produced

Year

2025

Page From

1272

Page To

1287

DOI

10.1093/mnras/staf387

Publisher

Oxford University Press (OUP)

Output Title

N/A

Title of Journal

Astronomy & Astrophysics

ISBN Number

Print:0004-6361 Electronic:1432-0746

Volume

693

Authors

S. Veronese, W. J. G. de Blok, J. Healy, D. Kleiner, A. Marasco, F. M. Maccagni, P. Kamphuis, E. Brinks, B. W. Holwerda, N. Zabel, L. Chemin, E. A. K. Adams, S. Kurapati, A. Sorgho, K. Spekkens, F. Combes, D. J. Pisano, F. Walter, P. Amram, F. Bigiel, O. I. Wong, E. Athanassoula

Status

Published/produced

Year

2025

Page From

97

Page To

114

DOI

10.1051/0004-6361/202452085

Publisher

EDP Sciences

Output Title

N/A

Title of Journal

The Astrophysical Journal Letters

ISBN Number

Print:2041-8205 Electronic:2041-8213

Volume

993

Authors

D. Pathak, A. K. Leroy, A. T. Barnes, T. A. Thompson, L. A. Lopez, K. M. Sandstrom, J. Sun, S. C. O. Glover, R. S. Klessen, E. W. Koch, K. L. Larson, J. Lee, S. Meidt, P. Sanchez-Blazquez, E. Schinnerer, Z. Bazzi, F. Belfiore, M. Boquien, R. Chown, D. Colombo, E. Congiu, O. V. Egorov, C. Eibensteiner, S. Kurapati, M. Querejeta, D. A. Dale, T. Kravtsov, M. Padave, D. J. Pisano, E. Rosolowsky, S. K. Sarbadhicary, T. G. Williams, R. Indebetouw, H. Pan, L. Ubeda, A. Amiri, F. Bigiel, G. A. Blanc, K. Grasha

Status

Published/produced

Year

2025

Page From

20

Page To

34

DOI

10.3847/2041-8213/ae0e70

Publisher

American Astronomical Society

Output Title

Revealing hidden structures in the Zone of Avoidance – a blind MeerKAT HI Survey of the Vela Supercluster

Title of Journal

Monthly Notices of the Royal Astronomical Society

Authors

Rajohnson SHA, Kraan-Korteweg RC, Frank B, Chen H, Staveley-Smith L, Serra P, Steyn N, Kurapati S, Pisano III DJ, Goedhart S

Status

Published/produced

Year

2024

DOI

10.1093/mnras/stae2552

Output Title

H₂ galaxy signatures in the SRAO MeerKAT galactic plane survey – II. The Local Void and its substructure

Title of Journal

Monthly Notices of the Royal Astronomical Society

ISBN Number

Print:0035-8711 Electronic:1365-2966

Volume

528

Authors

Sushma:Kurapati, Renée C:Kraan-Korteweg, D J:Pisano, Hao:Chen, Sambatriniaina H A:Rajohnson, Nadia:Steyn, Bradley:Frank, Paolo:Serra, Sharmila:Goedhart, Fernando:Camilo

Status

Published/produced

Year

2024

Page From

542

Page To

557

DOI
10.1093/mnras/stad3823

Publisher
Oxford University Press (OUP)

Output Title
PHANGS-MeerKAT and MHONGOOSE HI observations of nearby spiral galaxies: Physical drivers of the molecular gas fraction, Rmol

Title of Journal
Astronomy & Astrophysics

Authors
Cosima Eibensteiner, Jiayi Sun, Frank Bigiel, Adam K. Leroy, Eva Schinnerer, Erik Rosolowsky, Sushma Kurapati, D. J. Pisano, W. J. G de Blok, Ashley T. Barnes, Mallory Thorp, Dario Colombo, Eric W. Koch, I-Da Chiang, Eve C. Ostriker, Eric J. Murphy, Nikki Zabel, Sebastian Laudage, Filippo M. Maccagni, Julia Healy, Srikrishna Sekhar, Dyas Utomo, Jakob den Brok, Yixian Cao, Mélanie Chevance, Daniel A. Dale, Christopher M. Faesi, Simon C. O. Glover, Hao He, Sarah Jeffreson, María J. Jiménez-Donaire, Ralf Klessen, Justus Neumann, Hsi-An Pan, Debosmita Pathak, Miguel Querejeta, Yu-Hsuan Teng, Antonio Usero, Thomas G. Williams

Status Published/produced	Year 2024
------------------------------	--------------

DOI
10.1051/0004-6361/202449944

Output Title
Detection of diffuse H?i emission in the circumgalactic medium of NGC?891 and NGC?4565 - II

Title of Journal
Monthly Notices of the Royal Astronomical Society

ISBN Number Print:0035-8711 Electronic:1365-2966	Volume 527
---	---------------

Authors
Sanskriti:Das, Mary:Rickel, Adam:Leroy, Nickolas M:Pingel, D J:Pisano, George:Heald, Smita:Mathur, Joshua:Kingsbury, Amy:Sardone

Status Published/produced	Year 2024
------------------------------	--------------

Page From 10358	Page To 10375
--------------------	------------------

DOI
10.1093/mnras/stad3892

Publisher
Oxford University Press (OUP)

Output Title
Possible origins of anomalous H?I gas around MHONGOOSE galaxy, NGC 5068

Title of Journal
Astronomy & Astrophysics

ISBN Number
Print:0004-6361 Electronic:1432-0746

Volume
687

Authors
J. Healy, W. J. G. de Blok, F. M. Maccagni, P. Amram, L. Chemin, F. Combes, B. W. Holwerda, P. Kamphuis, D. J. Pisano, E. Schinnerer, K. Spekkens, L. Verdes-Montenegro, F. Walter, E. A. K. Adams, B. K. Gibson, D. Kleiner, S. Veronese, N. Zabel, J. English, C. Carignan

Status
Published/produced

Year
2024

Page From
254

Page To
270

DOI
10.1051/0004-6361/202347475

Publisher
EDP Sciences

Output Title
The MeerKAT Fornax Survey

Title of Journal
Astronomy & Astrophysics

ISBN Number
Print:0004-6361 Electronic:1432-0746

Volume
690

Authors
P. Serra, T. A. Oosterloo, P. Kamphuis, G. I. G. Józsa, W. J. G. de Blok, G. L. Bryan, J. H. van Gorkom, E. Iodice, D. Kleiner, A. Loni, S. I. Loubser, F. M. Maccagni, D. Molnár, R. Peletier, D. J. Pisano, M. Ramatsoku, M. W. L. Smith, M. A. W. Verheijen, N. Zabel

Status
Published/produced

Year
2024

Page From
4

Page To
21

DOI
10.1051/0004-6361/202450114

Publisher
EDP Sciences

Output Title
MHONGOOSE: A MeerKAT nearby galaxy H?I survey

Title of Journal
Astronomy & Astrophysics

ISBN Number
Print:0004-6361 Electronic:1432-0746

Volume
688

Authors

W. J. G. de Blok, J. Healy, F. M. Maccagni, D. J. Pisano, A. Bosma, J. English, T. Jarrett, A. Marasco, G. R. Meurer, S. Veronese, F. Bigiel, L. Chemin, F. Fraternali, B. W. Holwerda, P. Kamphuis, H. R. Klöckner, D. Kleiner, A. K. Leroy, M. Mogotsi, K. A. Oman, E. Schinnerer, L. Verdes-Montenegro, T. Westmeier, O. I. Wong, N. Zabel, P. Amram, C. Carignan, F. Combes, E. Brinks, R. J. Dettmar, B. K. Gibson, G. I. G. Jozsa, B. S. Koribalski, S. S. McGaugh, T. A. Oosterloo, K. Spekkens, A. C. Schröder, E. A. K. Adams, E. Athanassoula, M. A. Bershad, R. J. Beswick, S. Blyth, E. C. Elson, B. S. Frank, G. Heald, P. A. Henning, S. Kurapati, S. I. Loubser, D. Lucero, M. Meyer, B. Namumba, S. Oh, A. Sardone, K. Sheth, M. W. L. Smith, A. Sorgho, F. Walter, T. Williams, P. A. Woudt, A. Zijlstra

Status

Published/produced

Year

2024

Page From

109

Page To

143

DOI

10.1051/0004-6361/202348297

Publisher

EDP Sciences

Output Title

PHANGS-MeerKAT and MHONGOOSE HI observations of nearby spiral galaxies: Physical drivers of the molecular gas fraction, R_{mol}

Title of Journal

Astronomy & Astrophysics

ISBN Number

Print:0004-6361 Electronic:1432-0746

Volume

691

Authors

C. Eibensteiner, J. Sun, F. Bigiel, A. K. Leroy, E. Schinnerer, E. Rosolowsky, S. Kurapati, D. J. Pisano, W. J. G. de Blok, A. T. Barnes, M. Thorp, D. Colombo, E. W. Koch, I. Chiang, E. C. Ostriker, E. J. Murphy, N. Zabel, S. Laudage, F. M. Maccagni, J. Healy, S. Sekhar, D. Utomo, J. den Brok, Y. Cao, M. Chevance, D. A. Dale, C. M. Faesi, S. C. O. Glover, H. He, S. Jeffreson, M. J. Jiménez-Donaire, R. Klessen, J. Neumann, H. Pan, D. Pathak, M. Querejeta, Y. Teng, A. Usero, T. G. Williams

Status

Published/produced

Year

2024

Page From

163

Page To

183

DOI

10.1051/0004-6361/202449944

Publisher

EDP Sciences

Output Title

Neutral atomic and molecular gas dynamics in the nearby spiral galaxies NGC 1512, NGC 4535, and NGC 7496

Title of Journal

Astronomy & Astrophysics

ISBN Number
Print:0004-6361 Electronic:1432-0746

Volume
690

Authors

S. Laudage, C. Eibensteiner, F. Bigiel, A. K. Leroy, S. Meidt, E. Schinnerer, W. J. G. de Blok, M. Querejeta, S. Stuber, D. Colombo, E. Rosolowsky, D. J. Pisano, D. Utomo, R. C. Levy, R. Klessen, Y. Cao, E. W. Koch, S. Kurapati, P. Sanchez-Blazquez, J. Neumann, L. Neumann, H. Pan, T. G. Williams

Status
Published/produced

Year
2024

Page From
169

Page To
182

DOI
10.1051/0004-6361/202450265

Publisher
EDP Sciences

Output Title
NGC 1436: the making of a lenticular galaxy in the Fornax Cluster

Title of Journal
Monthly Notices of the Royal Astronomical Society

ISBN Number
Print:0035-8711 Electronic:1365-2966

Volume
523

Authors

Alessandro:Loni, Paolo:Serra, Marc:Sarzi, Gyula I G:Józsa, Pablo M Galán-de:Anta, Nikki:Zabel, Dane:Kleiner, Filippo M:Maccagni, Daniel:Molnár, Mpati:Ramatsoku, Francesca:Loi, Enrico M:Corsini, D J:Pisano, Peter:Kamphuis, Timothy A:Davis, W J G:de Blok, Ralf J:Dettmar, Jesus:Falcon-Barroso, Enrichetta:Iodice, Maritza A:Lara-López, S Ilani:Loubser, Kana:Morokuma-Matsui, Reynier:Peletier, Francesca:Pinna, Adriano:Poci, Matthew W L:Smith, Scott C:Trager, Glenn:van de Ven

Status
Published/produced

Year
2023

Page From
1140

Page To
1152

DOI
10.1093/mnras/stad1422

Publisher
Oxford University Press (OUP)

Output Title
Erratum: "Highest Redshift Image of Neutral Hydrogen in Emission: A CHILES Detection of a Starbursting Galaxy at $z = 0.376$ " (2016, ApJL, 824, L1)

Title of Journal
The Astrophysical Journal Letters

ISBN Number
Print:2041-8205 Electronic:2041-8213

Volume
959

Authors

Ximena:Fernández, Hansung B.:Gim, J. H.:van Gorkom, Min S.:Yun, Emmanuel:Momjian, Attila:Popping, Laura:Chomiuk, Kelley M.:Hess, Lucas:Hunt, Kathryn:Kreckel, Danielle:Lucero, Natasha:Maddox, Tom:Oosterloo, D. J.:Pisano, M. A. W.:Verheijen, Christopher A.:Hales, Aeree:Chung, Richard:Dodson, Kumar:Golap, Julia:Gross, Patricia:Henning, John:Hibbard, Yara L.:Jaffé, Jennifer Donovan:Meyer, Martin:Meyer, Monica:Sanchez-Barrantes, David:Schiminovich, Andreas:Wicenec, Eric:Wilcots, Matthew:Bershady, Nick:Scoville, Jay:Strader, Evangelia:Tremou, Ricardo:Salinas, Ricardo:Chávez

Status

Published/produced

Year

2023

Page From

35

Page To

35

DOI

10.3847/2041-8213/ad151e

Publisher

American Astronomical Society

Output Title

The MeerKAT Fornax Survey

Title of Journal

Astronomy & Astrophysics

ISBN Number

Print:0004-6361 Electronic:1432-0746

Volume

673

Authors

P.:Serra, F. M.:Maccagni, D.:Kleiner, D.:Molnár, M.:Ramatsoku, A.:Loni, F.:Loi, W. J. G.:de Blok, G. L.:Bryan, R. J.:Dettmar, B. S.:Frank, J. H.:van Gorkom, F.:Govoni, E.:Iodice, G. I. G.:Józsa, P.:Kamphuis, R.:Kraan-Korteweg, S. I.:Loubser, M.:Murgia, T. A.:Oosterloo, R.:Peletier, D. J.:Pisano, M. W. L.:Smith, S. C.:Trager, M. A. W.:Verheijen

Status

Published/produced

Year

2023

Page From

146

Page To

157

DOI

10.1051/0004-6361/202346071

Publisher

EDP Sciences

Output Title

The MeerKAT Fornax Survey

Title of Journal

Astronomy & Astrophysics

ISBN Number

Print:0004-6361 Electronic:1432-0746

Volume

675

Authors

D.:Kleiner, P.:Serra, F. M.:Maccagni, M. A.:Raj, W. J. G.:de Blok, G. I. G.:Józsa, P.:Kamphuis, R.:Kraan-Korteweg, F.:Loi, A.:Loni, S. I.:Loubser, D. Cs.:Molnár, T. A.:Oosterloo, R.:Peletier, D. J.:Pisano

Status

Published/produced

Year

2023

Page From

108

Page To

128

DOI

10.1051/0004-6361/202346461

Publisher

EDP Sciences

Output Title

MIGHTEE-H?i: possible interactions with the galaxy NGC 895

Title of Journal

Monthly Notices of the Royal Astronomical Society

ISBN Number

Print:0035-8711 Electronic:1365-2966

Volume

521

Authors

B:Namumba, J:Román, J:Falcón-Barroso, J H:Knapen, R:Ianjamasimanana, E:Naluminsa, G I G:Józsa, M:Korsaga, N:Maddox, B:Frank, S:Sikhosana, S:Legodi, C:Carignan, A A:Ponomareva, T:Jarrett, D:Lucero, O M:Smirnov, J M:van der Hulst, D J:Pisano, K:Malek, L:Marchetti, M:Vaccari, M:Jarvis, M:Baes, M:Meyer, E A K:Adams, H:Chen, J:Delhaize, S H A:Rajohnson, S:Kurapati, I:Heywood, L:Verdes-Montenegro

Status

Published/produced

Year

2023

Page From

5177

Page To

5190

DOI

10.1093/mnras/stad857

Publisher

Oxford University Press (OUP)

Output Title

Kinematic analysis of the super-extended H?I disk of the nearby spiral galaxy M 83

Title of Journal

Astronomy & Astrophysics

ISBN Number

Print:0004-6361 Electronic:1432-0746

Volume

675

Authors

C.:Eibensteiner, F.:Bigiel, A. K.:Leroy, E. W.:Koch, E.:Rosolowsky, E.:Schinnerer, A.:Sardone, S.:Meidt, W. J. G.:de Blok, D.:Thilker, D. J.:Pisano, J.:Ott, A.:Barnes, M.:Querejeta, E.:Emsellem, J.:Puschnig, D.:Utomo, I.:Bešlic, J.:den Brok, S.:Faridani, S. C. O.:Glover, K.:Grasha, H.:Hassani, J. D.:Henshaw, M. J.:Jiménez-Donaire, J.:Kerp, D. A.:Dale, J. M. D.:Kruijssen, S.:Laudage, P.:Sanchez-Blazquez, R.:Smith, S.:Stuber, I.:Pessa, E. J.:Watkins, T. G.:Williams, B.:Winkel

Status

Published/produced

Year

2023

Page From

37

Page To

61

DOI

10.1051/0004-6361/202245290

Publisher

EDP Sciences

Output Title

SAMI-H I: The H I view of the H-alpha Tully-Fisher relation and data release

Title of Journal

MNRAS

Authors

Catinella, Barbara, Cortese, Luca, Tiley, Alfred L., Janowiecki, Steven, Watts, Adam B., Bryant, Julia J., Croom, Scott M., d'Eugenio, Francesco, van de S, e, Jesse, Bl, -Hawthorn, Joss, Fraser-McKelvie, Amelia, Richards, Samuel N., Sweet, Sarah M., Pisano, Daniel J., Pingel, Nickolas, Koopmann, Rebecca A., Cottrill, Dillion, Hill, Meghan

Status

Published/produced

Year

2023

DOI

10.1093/mnras/stac3556

Output Title

SAMI-HI: The HI view of the H-alpha Tully-Fisher relation and data release

Title of Journal

Monthly Notices of the Royal Astronomical Society

ISBN Number

Print:0035-8711 Electronic:1365-2966

Volume

519

Authors

Barbara:Catinella, Luca:Cortese, Alfred L:Tiley, Steven:Janowiecki, Adam B:Watts, Julia J:Bryant, Scott M:Croom, Francesco:d'Eugenio, Jesse:van de Sande, Joss:Bland-Hawthorn, Amelia:Fraser-McKelvie, Samuel N:Richards, Sarah M:Sweet, Daniel J:Pisano, Nickolas:Pingel, Rebecca A:Koopmann, Dillion:Cottrill, Meghan:Hill

Status

Published/produced

Year

2023

Page From

1098

Page To

1114

DOI
10.1093/mnras/stac3556

Publisher
Oxford University Press (OUP)

Output Title
Apertif: Phased array feeds for the Westerbork Synthesis Radio Telescope

Title of Journal
Astronomy & Astrophysics

ISBN Number
Print:0004-6361 Electronic:1432-0746

Volume
658

Authors
W. A.:van Cappellen, T. A.:Oosterloo, M. A. W.:Verheijen, E. A. K.:Adams, B.:Adebahr, R.:Braun, K. M.:Hess, H.:Holties, J. M.:van der Hulst, B.:Hut, E.:Kooistra, J.:van Leeuwen, G. M.:Loose, R.:Morganti, V. A.:Moss, E.:Orrú, M.:Ruiter, A. P.:Schoenmakers, N. J.:Vermaas, S. J.:Wijnholds, A. S.:van Amesfoort, M. J.:Arts, J. J.:Attema, L.:Bakker, C. G.:Bassa, J. E.:Bast, P.:Bentham, R.:Beukema, R.:Blaauw, W. J. G.:de Blok, M.:Bouwhuis, R. H.:van den Brink, L.:Connor, A. H. W. M.:Coolen, S.:Damstra, G. N. J.:van Diepen, R.:de Goei, H.:Dénes, M.:Drost, N.:Ebbendorf, B. S.:Frank, D. W.:Gardenier, M.:Gerbers, Y. G.:Grange, T.:Grit, A. W.:Gunst, N.:Gupta, M. V.:Ivashina, G. I. G.:Józsa, G. H.:Janssen, A.:Koster, G. H.:Kruithof, S. J.:Kuindersma, A.:Kutkin, D. M.:Lucero, Y.:Maan, F. M.:Maccagni, J.:van der Marel, A.:Mika, J.:Morawietz, H.:Mulder, E.:Mulder, M. J.:Norden, A. R.:Offringa, L. C.:Oostrum, R. E.:Overeem, Z.:Paragi, H. J.:Pepping, E.:Petroff, D. J.:Pisano, A. G.:Polatidis, P.:Prasad, J. P. R.:de Reijer, J. W.:Romein, J.:Schaap, G. W.:Schoonderbeek, R.:Schulz, D.:van der Schuur, A.:Sclocco, J. J.:Sluman, R.:Smits, B. W.:Stappers, S. M.:Straal, K. J. C.:Stuurwold, J.:Verstappen, D.:Vohl, K. J.:Wierenga, E. E. M.:Woestenburg, A. W.:Zanting, J.:Ziemke

Status
Published/produced

Year
2022

Page From
146

Page To
174

DOI
10.1051/0004-6361/202141739

Publisher
EDP Sciences

Output Title
Looking at the Distant Universe with the MeerKAT Array: Discovery of a Luminous OH Megamaser at $z > 0.5$

Title of Journal
The Astrophysical Journal Letters

ISBN Number
Print:2041-8205 Electronic:2041-8213

Volume
931

Authors

Marcin:Glowacki, Jordan D.:Collier, Amir:Kazemi-Moridani, Bradley:Frank, Hayley:Roberts, Jeremy:Darling, Hans-Rainer:Klöckner, Nathan:Adams, Andrew J.:Baker, Matthew:Bershady, Tariq:Blecher, Sarah-Louise:Blyth, Rebecca:Bowler, Barbara:Catinella, Laurent:Chemin, Steven M.:Crawford, Catherine:Cress, Romeel:Davé, Roger:Deane, Erwin:de Blok, Jacinta:Delhaize, Kenneth:Duncan, Ed:Elson, Sean:February, Eric:Gawiser, Peter:Hatfield, Julia:Healy, Patricia:Henning, Kelley M.:Hess, Ian:Heywood, Benne W.:Holwerda, Munira:Hoosain, John P.:Hughes, Zackary L.:Hutchens, Matt:Jarvis, Sheila:Kannappan, Neal:Katz, Dušan:Kereš, Marie:Korsaga, Renée C.:Kraan-Korteweg, Philip:Lah, Michelle:Lochner, Natasha:Maddox, Sphehile:Makhathini, Gerhard R.:Meurer, Martin:Meyer, Danail:Obreschkow, Se-Heon:Oh, Tom:Oosterloo, Joshua:Oppor, Hengxing:Pan, D. J.:Pisano, Nandrianina:Randriamiarinarivo, Swara:Ravindranath, Anja C.:Schröder, Rosalind:Skelton, Oleg:Smirnov, Mathew:Smith, Rachel S.:Somerville, Raghunathan:Srianand, Lister:Staveley-Smith, Masayuki:Tanaka, Mattia:Vaccari, Wim:van Driel, Marc:Verheijen, Fabian:Walter, John F.:Wu, Martin A.:Zwaan

Status

Published/produced

Year

2022

Page From

7

Page To

16

DOI

10.3847/2041-8213/ac63b0

Publisher

American Astronomical Society

Output Title

First release of Apertif imaging survey data

Title of Journal

Astronomy & Astrophysics

ISBN Number

Print:0004-6361 Electronic:1432-0746

Volume

667

Authors

E. A. K.:Adams, B.:Adebahr, W. J. G.:de Blok, H.:Dénes, K. M.:Hess, J. M.:van der Hulst, A.:Kutkin, D. M.:Lucero, R.:Morganti, V. A.:Moss, T. A.:Oosterloo, E.:Orrú, R.:Schulz, A. S.:van Amesfoort, A.:Berger, O. M.:Boersma, M.:Bouwuis, R.:van den Brink, W. A.:van Cappellen, L.:Connor, A. H. W. M.:Coolen, S.:Damstra, G. N. J.:van Diepen, T. J.:Dijkema, N.:Ebbendorf, Y. G.:Grange, R.:de Goei, A. W.:Gunst, H. A.:Holties, B.:Hut, M. V.:Ivashina, G. I. G.:Józsa, J.:van Leeuwen, G. M.:Loose, Y.:Maan, M.:Mancini, Á.:Mika, H.:Mulder, M. J.:Norden, A. R.:Offringa, L. C.:Oostrum, I.:Pastor-Marazuela, D. J.:Pisano, A. A.:Ponomareva, J. W.:Romein, M.:Ruiter, A. P.:Schoenmakers, D.:van der Schuur, J. J.:Sluman, R.:Smits, K. J. C.:Stuurwold, J.:Verstappen, N. P. E.:Vilchez, D.:Vohl, K. J.:Wierenga, S. J.:Wijnholds, E. E. M.:Woestenburger, A. W.:Zanting, J.:Ziemke

Status

Published/produced

Year

2022

Page From

38

Page To

56

DOI

10.1051/0004-6361/202244007

Publisher

EDP Sciences

Output Title
Characterising the Apertif primary beam response

Title of Journal
Astronomy & Astrophysics

ISBN Number
Print:0004-6361 Electronic:1432-0746

Volume
667

Authors
H.:Dénes, K. M.:Hess, E. A. K.:Adams, A.:Kutkin, R.:Morganti, J. M.:van der Hulst, T. A.:Oosterloo, V. A.:Moss, B.:Adebahr, W. J. G.:de Blok, M. V.:Ivashina, A. H. W. M.:Coolen, S.:Damstra, B.:Hut, G. M.:Loose, D. M.:Lucero, Y.:Maan, Á.:Mika, M. J.:Norden, L. C.:Oostrum, D. J.:Pisano, R.:Smits, W. A.:van Cappellen, R.:van den Brink, D.:van der Schuur, G. N. J.:van Diepen, J.:van Leeuwen, D.:Vohl, S. J.:Wijnholds, J.:Ziemke

Status
Published/produced

Year
2022

Page From
40

Page To
52

DOI
10.1051/0004-6361/202244045

Publisher
EDP Sciences

Output Title
CHILES. VII. Deep Imaging for the CHILES Project, an SKA Prototype

Title of Journal
The Astronomical Journal

Authors
R. Dodson, E. Momjian, D. J. Pisano, N. Luber, J. Blue Bird, K. Rozgonyi, E. T. Smith, J. H. van Gorkom, D. Lucero, K. M. Hess, M. Yun, J. Rhee, J. M. van der Hulst, K. Vinsen, M. Meyer, X. Fernandez, H. B. Gim, A. Popping, E. Wilcots

Status
Published/produced

Year
2022

DOI
10.3847/1538-3881/ac3e65

Output Title
Characterising the Apertif primary beam response

Title of Journal
A&A

Authors
Dénes, H., Hess, K.~M., Adams, E.~A.~K., Kutkin, A., Morganti, R., van der Hulst, J.~M., Oosterloo, T.~A., Moss, V.~A., Adebahr, B., de Blok, W.~J.~G., Ivashina, M.~V., Coolen, A.~H.~W.~M., Damstra, S., Hut, B., Loose, G.~M., Lucero, D.~M., Maan, Y., Mika, Á., Norden, M.~J., Oostrum, L.~C., Pisano, D.~J., Smits, R., van Cappellen, W.~A., van den Brink, R., van der Schuur, D., van Diepen, G.~N.~J., van Leeuwen, J., Vohl, D., Wijnholds, S.~J., Ziemke, J.

Status
Published/produced

Year
2022

DOI
10.1051/0004-6361/202244045

Output Title
Apercal—The Apertif calibration pipeline

Title of Journal
Astronomy and Computing

ISBN Number
Print:2213-1337

Volume
38

Authors
B.:Adebahr, R.:Schulz, T.J.:Dijkema, V.A.:Moss, A.R.:Offringa, A.:Kutkin, J.M.:van der Hulst, B.S.:Frank, N.P.E.:Vilchez, J.:Verstappen, E.K.:Adams, W.J.G.:de Blok, H.:Denes, K.M.:Hess, D.:Lucero, R.:Morganti, T.:Oosterloo, D.-J.:Pisano, M.V.:Ivashina, W.A.:van Cappellen, L.D.:Connor, A.H.W.M.:Coolen, S.:Damstra, G.M.:Loose, Y.:Maan, F.M.:Maccagni, A.:Mika, H.:Mulder, L.C.:Oostrum, E.:Orrú, R.:Smits, D.:van der Schuur, J.:van Leeuwen, D.:Vohl, S.J.:Wijnholds, J.:Ziemke

Status
Published/produced

Year
2022

Page From
100514

Page To
100528

DOI
10.1016/j.ascom.2021.100514

Publisher
Elsevier BV

Output Title
First release of Apertif imaging survey data

Title of Journal
A&A

Authors
Adams, E.~A.~K., Adebahr, B., de Blok, W.~J.~G., Dénes, H., Hess, K.~M., van der Hulst, J.~M., Kutkin, A., Lucero, D.~M., Morganti, R., Moss, V.~A., Oosterloo, T.~A., Orrú, E., Schulz, R., van Amesfoort, A.~S., Berger, A., Boersma, O.~M., Bouwhuis, M., van den Brink, R., van Cappellen, W.~A., Connor, L., Coolen, A.~H.~W.~M., Damstra, S., van Diepen, G.~N.~J., Dijkema, T.~J., Ebbendorf, N., Grange, Y.~G., de Goei, R., Gunst, A.~W., Holties, H.~A., Hut, B., Ivashina, M.~V., Józsa, G.~I.~G., van Leeuwen, J., Loose, G.~M., Maan, Y., Mancini, M., Mika, Á., Mulder, H., Norden, M.~J., Offringa, A.~R., Oostrum, L.~C., Pastor-Marazuela, I., Pisano, D.~J., Ponomareva, A.~A., Romein, J.~W., Ruiter, M., Schoenmakers, A.~P., van der Schuur, D., Sluman, J.~J., Smits, R., Stuurwold, K.~J.~C., Verstappen, J., Vilchez, N.~P.~E., Vohl, D., Wierenga, K.~J., Wijnholds, S.~J., Woestenburg, E.~E.~M., Zanting, A.~W., Ziemke, J.

Status
Published/produced

Year
2022

DOI
10.1051/0004-6361/202244007

Output Title

CHILES. VII. Deep Imaging for the CHILES Project, an SKA Prototype

Title of Journal

The Astronomical Journal

Authors

R. Dodson, E. Momjian, D. J. Pisano, N. Luber, J. Blue Bird, K. Rozgonyi, E. T. Smith, J. H. van Gorkom, D. Lucero, K. M. Hess, M. Yun, J. Rhee, J. M. van der Hulst, K. Vinsen, M. Meyer, X. Fernandez, H. B. Gim, A. Popping, E. Wilcots

Status

Published/produced

Year

2022

DOI

10.3847/1538-3881/ac3e65

Output Title

Looking at the Distant Universe with the MeerKAT Array: Discovery of a Luminous OH Megamaser at $z > 0.5$

Title of Journal

ApJ Letters

Authors

Glowacki, Marcin, Collier, Jordan D., Kazemi-Moridani, Amir, Frank, Bradley, Roberts, Hayley, Darling, Jeremy, Klöckner, Hans-Rainer, Adams, Nathan, Baker, Andrew J., Bershad, Matthew, Blecher, Tariq, Blyth, Sarah-Louise, Bowler, Rebecca, Catinella, Barbara, Chemin, Laurent, Crawford, Steven M., Cress, Catherine, Davé, Romeel, Deane, Roger, de Blok, Erwin, Delhaize, Jacinta, Duncan, Kenneth, Elson, Ed, February, Sean, Gawiser, Eric, Hatfield, Peter, Healy, Julia, Henning, Patricia, Hess, Kelley M., Heywood, Ian, Holwerda, Benne W., Hoosain, Munira, Hughes, John P., Hutchens, Zackary L., Jarvis, Matt, Kannappan, Sheila, Katz, Neal, Kereš, Dušan, Korsaga, Marie, Kraan-Korteweg, Renée C., Lah, Philip, Lochner, Michelle, Maddox, Natasha, Makhathini, Sphesihle, Meurer, Gerhard R., Meyer, Martin, Obreschkow, Danail, Oh, Se-Heon, Oosterloo, Tom, Oppor, Joshua, Pan, Hengxing, Pisano, D.~J., R, riamiarinarivo, N, rianina, Ravindranath, Swara, Schröder, Anja C., Skelton, Rosalind, Smirnov, Oleg, Smith, Mathew, Somerville, Rachel S., Srian, , Raghunathan, Staveley-Smith, Lister, Tanaka, Masayuki, Vaccari, Mattia, van Driel, Wim, Verheijen, Marc, Walter, Fabian, Wu, John F., Zwaan, Martin A.

Status

Published/produced

Year

2022

DOI

10.3847/2041-8213/ac63b0

Output Title

Apertif: Phased array feeds for the Westerbork Synthesis Radio Telescope. System overview and performance characteristics

Title of Journal

A&A

Authors

van Cappellen, W.~A., Oosterloo, T.~A., Verheijen, M.~A.~W., Adams, E.~A.~K., Adebahr, B., Braun, R., Hess, K.~M., Holties, H., van der Hulst, J.~M., Hut, B., Kooistra, E., van Leeuwen, J., Loose, G.~M., Morganti, R., Moss, V.~A., Orrú, E., Rüter, M., Schoenmakers, A.~P., Vermaas, N.~J., Wijnholds, S.~J., van Amesfoort, A.~S., Arts, M.~J., Attema, J.~J., Bakker, L., Bassa, C.~G., Bast, J.~E., Benthem, P., Beukema, R., Blaauw, R., de Blok, W.~J.~G., Bouwhuis, M., van den Brink, R.~H., Connor, L., Coolen, A.~H.~W.~M., Damstra, S., van Diepen, G.~N.~J., de Goei, R., Dénes, H., Drost, M., Ebbendorf, N., Frank, B.~S., Gardenier, D.~W., Gerbers, M., Grange, Y.~G., Grit, T., Gunst, A.~W., Gupta, N., Ivashina, M.~V., Józsa, G.~I.~G., Janssen, G.~H., Koster, A., Kruithof, G.~H., Kuindersma, S.~J., Kutkin, A., Lucero, D.~M., Maan, Y., Maccagni, F.~M., van der Marel, J., Mika, A., Morawietz, J., Mulder, H., Mulder, E., Norden, M.~J., Offringa, A.~R., Oostrum, L.~C., Overeem, R.~E., Paragi, Z., Pepping, H.~J., Petroff, E., Pisano, D.~J., Polatidis, A.~G., Prasad, P., de Reijer, J.~P.~R., Romein, J.~W., Schaap, J., Schoonderbeek, G.~W., Schulz, R., van der Schuur, D., Sclocco, A., Sluman, J.~J., Smits, R., Stappers, B.~W., Straal, S.~M., Stuurwold, K.~J.~C., Versteppen, J., Vohl, D., Wierenga, K.~J., Woestenburg, E.~E.~M., Zanting, A.~W., Ziemke, J.

Status

Published/produced

Year

2022

DOI

10.1051/0004-6361/202141739

Output Title

CHILES. VII. Deep Imaging for the CHILES Project, an SKA Prototype

Title of Journal

AJ

Authors

Dodson, R., Momjian, E., Pisano, D.~J., Luber, N., Blue Bird, J., Rozgonyi, K., Smith, E.~T., van Gorkom, J.~H., Lucero, D., Hess, K.~M., Yun, M., Rhee, J., van der Hulst, J.~M., Vinsen, K., Meyer, M., Fernandez, X., Gim, H.~B., Popping, A., Wilcots, E.

Status

Published/produced

Year

2022

DOI

10.3847/1538-3881/ac3e65

Output Title

Simulating Spectral Kurtosis Mitigation against Realistic Radio Frequency Interference Signals

Title of Journal

AJ

Authors

Smith, E., Lynch, Ryan S., Pisano, D.~J.

Status

Published/produced

Year

2022

DOI

10.3847/1538-3881/ac7e47

Output Title

Apercal-The Aperitif calibration pipeline

Title of Journal
Astronomy and Computing

Authors

Adebahr, B., Schulz, R., Dijkema, T.~J., Moss, V.~A., Offringa, A.~R., Kutkin, A., van der Hulst, J.~M., Frank, B.~S., Vilchez, N.~P.~E., Verstappen, J., Adams, E.~K., de Blok, W.~J.~G., Denes, H., Hess, K.~M., Lucero, D., Morganti, R., Oosterloo, T., Pisano, D. -J., Ivashina, M.~V., van Cappellen, W.~A., Connor, L.~D., Coolen, A.~H.~W.~M., Damstra, S., Loose, G.~M., Maan, Y., Maccagni, F.~M., Mika, A., Mulder, H., Oostrum, L.~C., Orrú, E., Smits, R., van der Schuur, D., van Leeuwen, J., Vohl, D., Wijnholds, S.~J., Ziemke, J.

Status
Published/produced

Year
2022

DOI
10.1016/j.ascom.2021.100514

Output Title
Simulating Spectral Kurtosis Mitigation against Realistic Radio Frequency Interference Signals

Title of Journal
The Astronomical Journal

Authors

E. Smith, Ryan S. Lynch, D. J. Pisano

Status
Published/produced

Year
2022

DOI
10.3847/1538-3881/ac7e47

Output Title
Simulating Spectral Kurtosis Mitigation against Realistic Radio Frequency Interference Signals

Title of Journal
The Astronomical Journal

Authors

E. Smith, Ryan S. Lynch, D. J. Pisano

Status
Published/produced

Year
2022

DOI
10.3847/1538-3881/ac7e47

Output Title
The Evolution of the Luminosity Function for Luminous Compact Blue Galaxies to $z=1$

Title of Journal
arXiv e-prints

Status
Published/produced

Year
2021

Output Title

Commissioning the HI Observing Mode of the Beamformer for the Cryogenically Cooled Focal L-band Array for the GBT (FLAG)

Title of Journal
arXiv e-prints

Status
Published/produced

Year
2021

Output Title

Commissioning the H I Observing Mode of the Beam Former for the Cryogenically Cooled Focal L-band Array for the GBT (FLAG)

Title of Journal
AJ

Authors

Pingel, N.~M., Pisano, D.~J., Ruzindana, M., Burnett, M., Rajwade, K.~M., Black, R., Jeffs, B., Warnick, K.~F., Lorimer, D.~R., Rosh, D. Anish, Prestage, R., McLaughlin, M.~A., Agarwal, D., Chamberlin, T., Hawkins, L., Jensen, L., Marganian, P., Nelson, J.~D., Shillue, W., Smith, E., Simon, B., Van Tonder, V., White, S.

Status
Published/produced

Year
2021

DOI
10.3847/1538-3881/abdec2

Output Title

Commissioning the H I Observing Mode of the Beam Former for the Cryogenically Cooled Focal L-band Array for the GBT (FLAG)

Title of Journal
AJ

Authors

Pingel, N.~M., Pisano, D.~J., Ruzindana, M., Burnett, M., Rajwade, K.~M., Black, R., Jeffs, B., Warnick, K.~F., Lorimer, D.~R., Rosh, D. Anish, Prestage, R., McLaughlin, M.~A., Agarwal, D., Chamberlin, T., Hawkins, L., Jensen, L., Marganian, P., Nelson, J.~D., Shillue, W., Smith, E., Simon, B., Van Tonder, V., White, S.

Status
Published/produced

Year
2021

DOI
10.3847/1538-3881/abdec2

Output Title

The Evolution of the Luminosity Function for Luminous Compact Blue Galaxies to $z = 1$

Title of Journal
ApJ

Authors

Hunt, L.~R., Pisano, D.~J., Crawford, S.~M., Bershad, M.~A., Wirth, G.~D.

Status
Published/produced

Year
2021

DOI
10.3847/1538-4357/abda4c

Output Title
A Census of the Extended Neutral Hydrogen Around 18 MHONGOOSE Galaxies

Title of Journal
ApJ

Authors
Sardone, Amy; Pisano, D. J.; Pingel, N. M.; Sorgho, Amidou; Carignan, Claude; de Blok, W. J. G.

Status
In press

Year
2021

DOI
N/A

Publisher
AAS Journals

Output Title
The Evolution of the Luminosity Function for Luminous Compact Blue Galaxies to $z = 1$

Title of Journal
ApJ

Authors
Hunt, L.~R., Pisano, D.~J., Crawford, S.~M., Bershad, M.~A., Wirth, G.~D.

Status
Published/produced

Year
2021

DOI
10.3847/1538-4357/abda4c

Output Title
MeerKAT HI commissioning observations of MHONGOOSE galaxy ESO 302-G014

Title of Journal
Astronomy & Astrophysics

ISBN Number
0004-6361

Volume
643

Authors
W. J. G. de Blok, E. Athanassoula, A. Bosma, F. Combes, J. English, G. H. Heald, P. Kamphuis, B. S. Koribalski, G. R. Meurer, J. Román, A. Sardone, L. Verdes-Montenegro, F. Bigiel, E. Brinks, L. Chemin, F. Fraternali, T. Jarrett, D. Kleiner, F. M. Maccagni, D. J. Pisano, P. Serra, K. Spekkens, P. Amram, C. Carignan, R.-J. Dettmar, B. K. Gibson, B. W. Holwerda, G. I. G. Józsa, D. M. Lucero, T. A. Oosterloo, A. J. T. Ramaila, M. Ramatsoku, K. Sheth, F. Walter, O. I. Wong, A. A. Zijlstra, S. Bloemen, P. J. Groot, R. Le Poole, M. Klein-Wolt, E. G. Körding, V. A. McBride, K. Paterson, D. L. A. Pieterse, P. Vreeswijk, P. A. Woudt

Status
Published/produced

Year
2020

DOI
10.1051/0004-6361/202038894

Publisher
EDP Sciences

Output Title
CHILES VI: H I and H-alpha observations for $z < 0.1$ galaxies; probing H I spin alignment with filaments in the cosmic web

Title of Journal
MNRAS

ISBN Number
0035-8711

Volume
492

Authors
J Blue Bird, J Davis, N Luber, J H van Gorkom, E Wilcots, D J Pisano, H B Gim, E Momjian, X Fernandez, K M Hess, D Lucero, R Dodson, K Vinsen, A Popping, A Chung, K Kreckel, J M van der Hulst, M Yun

Status
Published/produced

Year
2020

Page From
153

Page To
176

DOI
10.1093/mnras/stz3357

Publisher
Oxford University Press (OUP)

Output Title
Detection of the Diffuse H I Emission in the Circumgalactic Medium of NGC 891 and NGC 4565

Title of Journal
ApJ

ISBN Number
1538-4357

Volume
898

Authors
Sanskriti Das, Amy Sardone, Adam K. Leroy, Smita Mathur, Molly Gallagher, Nickolas M. Pingel, D. J. Pisano, George Heald

Status
Published/produced

Year
2020

Page From
15

Page To
15

DOI
10.3847/1538-4357/ab97b9

Publisher
American Astronomical Society

Output Title
Project AMIGA: The Circumgalactic Medium of Andromeda

Title of Journal
ApJ

Status
Published/produced

Year
2020

DOI
10.3847/1538-4357/aba49c

Output Title
Project AMIGA: The Circumgalactic Medium of Andromeda

Title of Journal
ApJ

ISBN Number
1538-4357

Volume
900

Authors
Nicolas Lehner, Samantha C. Berek, J. Christopher Howk, Bart P. Wakker, Jason Tumlinson, Edward B. Jenkins, J. Xavier Prochaska, Ramona Augustin, Suoqing Ji, Claude-André Faucher-Giguère, Zachary Hafen, Molly S. Peeples, Kat A. Barger, Michelle A. Berg, Rongmon Bordoloi, Thomas M. Brown, Andrew J. Fox, Karoline M. Gilbert, Puragra Guhathakurta, Jason S. Kalirai, Felix J. Lockman, John M. O'Meara, D. J. Pisano, Joseph Ribaudo, Jessica K. Werk

Status
Published/produced

Year
2020

Page From
9

Page To
9

DOI
10.3847/1538-4357/aba49c

Publisher
American Astronomical Society

Output Title
CHILES VI: H I and H α observations for $z < 0.1$ galaxies; probing H I spin alignment with filaments in the cosmic web

Title of Journal
MNRAS

Status
Published/produced

Year
2020

DOI
10.1093/mnras/stz3357

Output Title

MeerKAT HI commissioning observations of MHONGOOSE galaxy ESO 302-G014

Title of Journal

A&A

Status

Published/produced

Year

2020

DOI

10.1051/0004-6361/202038894

Output Title

Detection of the Diffuse H I Emission in the Circumgalactic Medium of NGC 891 and NGC 4565

Title of Journal

ApJ

Status

Published/produced

Year

2020

DOI

10.3847/1538-4357/ab97b9

Output Title

Obituary: John E. Littleton (1943-2010)

Title of Journal

Bulletin of the American Astronomical Society

Status

Published/produced

Year

2020

DOI

10.3847/25c2cfef.2d670f52

Output Title

CHILES VI: HI and H α Observations for $z < 0.1$ Galaxies; Probing HI Spin Alignment with Filaments in the Cosmic Web

Title of Journal

arXiv e-prints

Status

Published/produced

Year

2019

Output Title

Large Scale Structure in CHILES

Title of Journal

arXiv e-prints

Status

Published/produced

Year

2019

Output Title
The Nature of Low-Density Star Formation

Title of Journal
\baas

Status
Published/produced

Year
2019

Output Title
Completing the Hydrogen Census in the Circumgalactic Medium at $z \approx 0$

Title of Journal
\baas

Status
Published/produced

Year
2019

Output Title
CHILES VI: HI and H α Observations for $z < 0.1$ Galaxies; Probing HI Spin Alignment with Filaments in the Cosmic Web

Title of Journal
arXiv e-prints

Status
Published/produced

Year
2019

Output Title
Early observations of the MHONGOOSE galaxies: getting ready for MeerKAT

Title of Journal
MNRAS

ISBN Number
0035-8711

Volume
482

Authors
A Sorgho, C Carignan, D J Pisano, T Oosterloo, W J G de Blok, M Korsaga, N M Pingel, Amy Sardone, S Goedhart, S Passmoor, A Dikgale, S K Sirothia

Status
Published/produced

Year
2019

Page From
1248

Page To
1269

DOI
10.1093/mnras/sty2785

Publisher
Oxford University Press (OUP)

Output Title
CHILES: HI morphology and galaxy environment at $z = 0.12$ and $z = 0.17$

Title of Journal
MNRAS

ISBN Number
0035-8711

Volume
484

Authors

Kelley M Hess, Nicholas M Luber, Ximena Fernández, Hansung B Gim, J H van Gorkom, Emmanuel Momjian, Julia Gross, Martin Meyer, Attila Popping, Luke J M Davies, Lucas Hunt, Kathryn Kreckel, Danielle Lucero, D J Pisano, Monica Sanchez-Barrantes, Min S Yun, Richard Dodson, Kevin Vinsen, Andreas Wicenec, Chen Wu, Matthew A Bershady, Aeree Chung, Julie D Davis, Jennifer Donovan Meyer, Patricia Henning, Natasha Maddox, Evan T Smith, J M van der Hulst, Marc A W Verheijen, Eric M Wilcots

Status
Published/produced

Year
2019

Page From
2234

Page To
2256

DOI
10.1093/mnras/sty3421

Publisher
Oxford University Press (OUP)

Output Title
Large Scale Structure in CHILES

Title of Journal
arXiv e-prints

Status
Published/produced

Year
2019

Output Title
Large-scale Structure in CHILES Using DisPerSE

Title of Journal
AJ

Status
Published/produced

Year
2019

DOI
10.3847/1538-3881/ab1b6e

Output Title
Completing the Hydrogen Census in the Circumgalactic Medium at $z \sim 0$

Title of Journal
Bulletin of the American Astronomical Society

Authors

Pisano, D.~J., Fox, A., French, D., Howk, J.~C., Lehner, N., Lockman, F.~J., Jones, K.

Status Published/produced	Year 2019
Output Title Constraints on the H I Mass for NGC 1052-DF2	
Title of Journal ApJ Letters	
Status Published/produced	Year 2019
DOI 10.3847/2041-8213/ab0084	
Output Title Large-scale Structure in CHILES Using DisPerSE	
Title of Journal AJ	
ISBN Number 1538-3881	Volume 157
Authors Nicholas Lubber, J. H. van Gorkom, Kelley M. Hess, D. J. Pisano, Ximena Fernández, Emmanuel Momjian	
Status Published/produced	Year 2019
Page From 254	Page To 254
DOI 10.3847/1538-3881/ab1b6e	
Publisher American Astronomical Society	
Output Title A 21 cm pilot survey for pulsars and transients using the Focal L-Band Array for the Green Bank Telescope	
Title of Journal MNRAS	
ISBN Number 0035-8711	Volume 489
Authors K M Rajwade, D Agarwal, D R Lorimer, N M Pingel, D J Pisano, M Ruzindana, B Jeffs, K F Warnick, D A Roshi, M A McLaughlin	
Status Published/produced	Year 2019

Page From 1709	Page To 1718
DOI 10.1093/mnras/stz2207	
Publisher Oxford University Press (OUP)	
Output Title A 21 cm pilot survey for pulsars and transients using the Focal L-Band Array for the Green Bank Telescope	
Title of Journal MNRAS	
Status Published/produced	Year 2019
DOI 10.1093/mnras/stz2207	
Output Title Constraints on the H I Mass for NGC 1052-DF2	
Title of Journal ApJ Letters	
ISBN Number 2041-8213	Volume 871
Authors Amy Sardone,D. J. Pisano,Sarah Burke-Spolaor,Joshua L. Mascoop,Nihan Pol	
Status Published/produced	Year 2019
DOI 10.3847/2041-8213/ab0084	
Publisher American Astronomical Society	
Output Title CHILES: H I morphology and galaxy environment at $z = 0.12$ and $z = 0.17$	
Title of Journal MNRAS	
Status Published/produced	Year 2019
DOI 10.1093/mnras/sty3421	

Output Title
The Nature of Low-Density Star Formation

Title of Journal
Bulletin of the American Astronomical Society

Authors
Thilker, David, Lee, Janice, Capak, Peter, Cook, David, Dale, Danny, Elmegreen, Bruce, Gil de Paz, Arm, o, Gallagher, Jay, Hunter, Deidre, Leroy, Adam, Meurer, Gerhardt, Pisano, D.~J., Rafelski, Marc, Tosi, Monica, Wofford, Aida

Status
Published/produced

Year
2019

Output Title
Early observations of the MHONGOOSE galaxies: getting ready for MeerKAT

Title of Journal
MNRAS

Status
Published/produced

Year
2019

DOI
10.1093/mnras/sty2785

Output Title
Performance of a Highly Sensitive, 19-element, Dual-polarization, Cryogenic L-band Phased-array Feed on the Green Bank Telescope

Title of Journal
AJ

Status
Published/produced

Year
2018

DOI
10.3847/1538-3881/aab965

Output Title
A GBT Survey of the HALOGAS Galaxies and Their Environments. I. Revealing the Full Extent of H I around NGC 891, NGC 925, NGC 4414, and NGC 4565

Title of Journal
ApJ

ISBN Number
1538-4357

Volume
865

Authors
N. M. Pingel, D. J. Pisano, G. Heald, T. H. Jarrett, W. J. G. de Blok, G. I. G. Józsa, E. Jütte, R. J. Rand, T. Oosterloo, B. Winkel

Status
Published/produced

Year
2018

Page From 36	Page To 36
DOI 10.3847/1538-4357/aad816	
Publisher American Astronomical Society	

Output Title

Performance of a Highly Sensitive, 19-element, Dual-polarization, Cryogenic L-band Phased-array Feed on the Green Bank Telescope

Title of Journal AJ	
ISBN Number 1538-3881	Volume 155
Authors D. Anish Roshi,W. Shillue,B. Simon,K. F. Warnick,B. Jeffs,D. J. Pisano,R. Prestage,S. White,J. R. Fisher,M. Morgan,R. Black,M. Burnett,J. Diao,M. Ruzindana,V. van Tonder,L. Hawkins,P. Marganian,T. Chamberlin,J. Ray,N. M. Pingel,K. Rajwade,D. R. Lorimer,A. Rane,J. Castro,W. Groves,L. Jensen,J. D. Nelson,T. Boyd,A. J. Beasley	
Status Published/produced	Year 2018
Page From 202	Page To 202
DOI 10.3847/1538-3881/aab965	
Publisher American Astronomical Society	

Output Title

Search for OH 18 cm Radio Emission from 11/2017 U1 with the Green Bank Telescope

Title of Journal AJ	
ISBN Number 1538-3881	Volume 155
Authors Ryan S. Park,D. J. Pisano,T. Joseph W. Lazio,Paul W. Chodas,Shantanu P. Naidu	
Status Published/produced	Year 2018
Page From 185	Page To 185
DOI 10.3847/1538-3881/aab78d	

Publisher
American Astronomical Society

Output Title
Resolved H I Observations of Local Analogs to $z \sim 1$ Luminous Compact Blue Galaxies: Evidence for Rotation-supported Disks

Title of Journal
ApJ

ISBN Number
1538-4357

Volume
852

Authors
Katie Rabidoux, D. J. Pisano, C. A. Garland, Rafael Guzmán, Francisco J. Castander, Spencer A. Wolfe

Status
Published/produced

Year
2018

Page From
125

Page To
125

DOI
10.3847/1538-4357/aa9fe9

Publisher
American Astronomical Society

Output Title
A GBT Survey of the HALOGAS Galaxies and Their Environments. I. Revealing the Full Extent of H I around NGC 891, NGC 925, NGC 4414, and NGC 4565

Title of Journal
ApJ

Status
Published/produced

Year
2018

DOI
10.3847/1538-4357/aad816

Output Title
Search for OH 18 cm Radio Emission from 11/2017 U1 with the Green Bank Telescope

Title of Journal
AJ

Status
Published/produced

Year
2018

DOI
10.3847/1538-3881/aab78d

Output Title
Resolved H I Observations of Local Analogs to $z \sim 1$ Luminous Compact Blue Galaxies: Evidence for Rotation-supported Disks

Title of Journal
ApJ

Status
Published/produced

Year
2018

DOI
10.3847/1538-4357/aa9fe9

Output Title
Neutral Atomic Hydrogen in the Local Universe

Title of Journal
Astronomical Society of the Pacific Conference Series

Authors
Pisano, D.; Walter, F.; Stanimirovic, S.

Volume
517

Status
Published/produced

Year
2018

Page From
471

DOI
N/A

Publisher
Astronomical Society of the Pacific

Output Title
Science with an ngVLA: Neutral Atomic Hydrogen in the Local Universe

Title of Journal
arXiv e-prints

Status
Published/produced

Year
2018

Output Title
Science with an ngVLA: Neutral Atomic Hydrogen in the Local Universe

Title of Journal
arXiv e-prints

Status
Published/produced

Year
2018

Output Title
Project AMIGA: A Minimal Covering Factor for Optically Thick Circumgalactic Gas around the Andromeda Galaxy

Title of Journal
ApJ

Status
Published/produced

Year
2017

DOI
10.3847/1538-4357/aa87b4

Output Title

Erratum: "The RESOLVE Survey Atomic Gas Census and Environmental Influences on Galaxy Gas Reservoirs" (2016, ApJ, 832, 126)

Title of Journal
ApJ

Status
Published/produced

Year
2017

DOI
10.3847/1538-4357/aa9e92

Output Title

VizieR Online Data Catalog: RESOLVE survey: 21cm obs. with GBT & Arecibo (Stark+, 2016)

Title of Journal
VizieR Online Data Catalog

Status
Published/produced

Year
2017

Output Title

Erratum: "The RESOLVE Survey Atomic Gas Census and Environmental Influences on Galaxy Gas Reservoirs" (2016, ApJ, 832, 126)

Title of Journal
ApJ

ISBN Number
1538-4357

Volume
851

Authors

David V. Stark, Sheila J. Kannappan, Kathleen D. Eckert, Jonathan Florez, Kirsten R. Hall, Linda C. Watson, Erik A. Hoversten, Joseph N. Burchett, David T. Guynn, Ashley D. Baker, Amanda J. Moffett, Andreas A. Berlind, Mark A. Norris, Martha P. Haynes, Riccardo Giovanelli, Adam K. Leroy, D. J. Pisano, Lisa H. Wei, Roberto E. Gonzalez, Victor F. Calderon

Status
Published/produced

Year
2017

Page From
153

Page To
153

DOI
10.3847/1538-4357/aa9e92

Publisher
American Astronomical Society

Output Title
Project AMIGA: A Minimal Covering Factor for Optically Thick Circumgalactic Gas around the Andromeda Galaxy

Title of Journal
ApJ

ISBN Number
1538-4357

Volume
846

Authors
J. Christopher Howk, Christopher B. Wotta, Michelle A. Berg, Nicolas Lehner, Felix J. Lockman, Zachary Hafen, D. J. Pisano, Claude-André Faucher-Giguère, Bart P. Wakker, J. Xavier Prochaska, Spencer A. Wolfe, Joseph Ribaudo, Kathleen A. Barger, Lauren Corlies, Andrew J. Fox, Puragra Guhathakurta, Edward B. Jenkins, Jason Kalirai, John M. O'Meara, Molly S. Peeples, Kyle R. Stewart, Jay Strader

Status
Published/produced

Year
2017

Page From
141

Page To
141

DOI
10.3847/1538-4357/aa87b4

Publisher
American Astronomical Society

Output Title
Sensitive 21cm Observations of Neutral Hydrogen in the Local Group near M31

Title of Journal
ApJ

ISBN Number
1538-4357

Volume
816

Authors
Spencer A. Wolfe, Felix J. Lockman, D. J. Pisano

Status
Published/produced

Year
2016

Page From
81

Publisher
American Astronomical Society

DOI
10.3847/0004-637X/816/2/81

Output Title
The RESOLVE Survey Atomic Gas Census and Environmental Influences on Galaxy Gas Reservoirs

Title of Journal
ApJ

Status
Published/produced

Year
2016

DOI
10.3847/0004-637X/832/2/126

Output Title
HI4PI: A full-sky H I survey based on EBHIS and GASS

Title of Journal
A&A

Status
Published/produced

Year
2016

DOI
10.1051/0004-6361/201629178

Output Title
HI4PI: A full-sky H I survey based on EBHIS and GASS

Title of Journal
A&A

ISBN Number
0004-6361

Volume
594

Authors
HI4PI Collaboration ,N. Ben Bekhti,L. Flöer,R. Keller,J. Kerp,D. Lenz,B. Winkel,J. Bailin,M. R. Calabretta,L. Dedes,H. A. Ford,B. K. Gibson,U. Haud,S. Janowiecki,P. M. W. Kalberla,F. J. Lockman,N. M. McClure-Griffiths,T. Murphy,H. Nakanishi,D. J. Pisano,L. Staveley-Smith

Status
Published/produced

Year
2016

DOI
10.1051/0004-6361/201629178

Publisher
EDP Sciences

Output Title
Highest Redshift Image of Neutral Hydrogen in Emission: A CHILES Detection of a Starbursting Galaxy at $z = 0.376$

Title of Journal
ApJ Letters

Status
Published/produced

Year
2016

DOI
10.3847/2041-8205/824/1/L1

Output Title
Sensitive 21cm Observations of Neutral Hydrogen in the Local Group near M31

Title of Journal
ApJ

Status
Published/produced

Year
2016

DOI
10.3847/0004-637X/816/2/81

Output Title
The RESOLVE Survey Atomic Gas Census and Environmental Influences on Galaxy Gas Reservoirs

Title of Journal
ApJ

ISBN Number
1538-4357

Volume
832

Authors
David V. Stark, Sheila J. Kannappan, Kathleen D. Eckert, Jonathan Florez, Kirsten R. Hall, Linda C. Watson, Erik A. Hoversten, Joseph N. Burchett, David T. Guynn, Ashley D. Baker, Amanda J. Moffett, Andreas A. Berlind, Mark A. Norris, Martha P. Haynes, Riccardo Giovanelli, Adam K. Leroy, D. J. Pisano, Lisa H. Wei, Roberto E. Gonzalez, Victor F. Calderon

Status
Published/produced

Year
2016

Page From
126

Page To
126

DOI
10.3847/0004-637X/832/2/126

Publisher
American Astronomical Society

Output Title
VizieR Online Data Catalog: HI4PI spectra and column density maps (HI4PI team+, 2016)

Title of Journal
VizieR Online Data Catalog

Status
Published/produced

Year
2016

Output Title
The Search for HI Emission at $z \sim 0.4$ in Gravitationally Lensed Galaxies with the Green Bank Telescope

Title of Journal
AJ

Status
Published/produced

Year
2016

DOI
10.3847/0004-6256/152/2/30

Output Title

Highest Redshift Image of Neutral Hydrogen in Emission: A CHILES Detection of a Starbursting Galaxy at $z = 0.376$

Title of Journal

ApJ Letters

ISBN Number

2041-8213

Volume

824

Authors

Ximena Fernández, Hansung B. Gim, J. H. van Gorkom, Min S. Yun, Emmanuel Momjian, Attila Popping, Laura Chomiuk, Kelley M. Hess, Lucas Hunt, Kathryn Kreckel, Danielle Lucero, Natasha Maddox, Tom Oosterloo, D. J. Pisano, M. A. W. Verheijen, Christopher A. Hales, Aeree Chung, Richard Dodson, Kumar Golap, Julia Gross, Patricia Henning, John Hibbard, Yara L. Jaffé, Jennifer Donovan Meyer, Martin Meyer, Monica Sanchez-Barrantes, David Schiminovich, Andreas Wicenec, Eric Wilcots, Matthew Bershad, Nick Scoville, Jay Strader, Evangelia Tremou, Ricardo Salinas, Ricardo Chávez

Status

Published/produced

Year

2016

DOI

10.3847/2041-8205/824/1/L1

Publisher

American Astronomical Society

Output Title

The Search for HI Emission at $z \sim 0.4$ in Gravitationally Lensed Galaxies with the Green Bank Telescope

Title of Journal

AJ

ISBN Number

1538-3881

Volume

152

Authors

L. R. Hunt, D. J. Pisano, S. Edel

Status

Published/produced

Year

2016

Page From

30

Page To

30

DOI

10.3847/0004-6256/152/2/30

Publisher

American Astronomical Society

Output Title

Nearby Clumpy, Gas Rich, Star-forming Galaxies: Local Analogs of High-redshift Clumpy Galaxies

Title of Journal

ApJ

Status
Published/produced

Year
2015

DOI
10.1088/0004-637X/807/2/134

Output Title
Nearby Clumpy, Gas Rich, Star-forming Galaxies: Local Analogs of High-redshift Clumpy Galaxies

Title of Journal
ApJ

ISBN Number
1538-4357

Volume
807

Authors
C. A. Garland,D. J. Pisano,M.-M. Mac Low,K. Kreckel,K. Rabidoux,R. Guzmán

Status
Published/produced

Year
2015

Page From
134

Publisher
American Astronomical Society

DOI
10.1088/0004-637X/807/2/134

Output Title
A low H I column density filament in NGC 2403: signature of interaction or accretion

Title of Journal
ap

Status
Published/produced

Year
2014

DOI
10.1051/0004-6361/201423880

Output Title
VizieR Online Data Catalog: Green Bank Telescope observations of NGC 2403 (de Blok+, 2014)

Title of Journal
VizieR Online Data Catalog

Status
Published/produced

Year
2014

Output Title
Resolved H I observations of local analogs to $z \sim 0.5$ luminous compact blue galaxies: evidence for rotation-supported disks

Title of Journal
arXiv e-prints

Status
Published/produced

Year
2014

Output Title
Radio Continuum Observations of Local Star-forming Galaxies Using the Caltech Continuum Backend on the Green Bank Telescope

Title of Journal
ApJ

ISBN Number
0004-637X

Volume
780

Authors
Katie Rabidoux,D. J. Pisano,Amanda A. Kepley,Kelsey E. Johnson,Dana S. Balser

Status
Published/produced

Year
2014

Page From
19

Publisher
American Astronomical Society

DOI
10.1088/0004-637X/780/1/19

Output Title
A low H I column density filament in NGC 2403: signature of interaction or accretion

Title of Journal
A&A

ISBN Number
0004-6361

Volume
569

Authors
W. J. G. de Blok,K. M. Keating,D. J. Pisano,F. Fraternali,F. Walter,T. Oosterloo,E. Brinks,F. Bigiel,A. Leroy

Status
Published/produced

Year
2014

DOI
10.1051/0004-6361/201423880

Publisher
EDP Sciences

Output Title
Green Bank Telescope Observations of Low Column Density H I around NGC 2997 and NGC 6946

Title of Journal
AJ

ISBN Number
0004-6256

Volume
147

Authors
D. J. Pisano

Status
Published/produced

Year
2014

Page From
48

Publisher
American Astronomical Society

DOI
10.1088/0004-6256/147/3/48

Output Title
Green Bank Telescope Observations of Low Column Density H I around NGC 2997 and NGC 6946

Title of Journal
\aj

Status
Published/produced

Year
2014

DOI
10.1088/0004-6256/147/3/48

Output Title
Radio Continuum Observations of Local Star-forming Galaxies Using the Caltech Continuum Backend on the Green Bank Telescope

Title of Journal
\apj

Status
Published/produced

Year
2014

DOI
10.1088/0004-637X/780/1/19

Output Title
High-velocity Clouds in the Galactic All Sky Survey. I. Catalog

Title of Journal
ApJ Supplement Series

ISBN Number
0067-0049

Volume
209

Authors
V. A. Moss,N. M. McClure-Griffiths,T. Murphy,D. J. Pisano,J. K. Kummerfeld,J. R. Curran

Status
Published/produced

Year
2013

Page From
12

Publisher
American Astronomical Society

DOI
10.1088/0067-0049/209/1/12

Output Title
Connecting Transitions in Galaxy Properties to Refueling

Title of Journal
ApJ

ISBN Number
0004-637X

Volume
777

Authors

Sheila J. Kannappan, David V. Stark, Kathleen D. Eckert, Amanda J. Moffett, Lisa H. Wei, D. J. Pisano, Andrew J. Baker, Stuart N. Vogel, Daniel G. Fabricant, Seppo Laine, Mark A. Norris, Shardha Jogee, Natasha Lepore, Loren E. Hough, Jennifer Weinberg-Wolf

Status
Published/produced

Year
2013

Page From
42

Publisher
American Astronomical Society

DOI
10.1088/0004-637X/777/1/42

Output Title
A Pilot for a Very Large Array H I Deep Field

Title of Journal
\apj

Status
Published/produced

Year
2013

DOI
10.1088/2041-8205/770/2/L29

Output Title
Connecting Transitions in Galaxy Properties to Refueling

Title of Journal
\apj

Status
Published/produced

Year
2013

DOI
10.1088/0004-637X/777/1/42

Output Title
A Pilot for a Very Large Array H I Deep Field

Title of Journal
ApJ Letters

ISBN Number
2041-8205

Volume
770

Authors

Ximena Fernández, J. H. van Gorkom, Kelley M. Hess, D. J. Pisano, Kathryn Kreckel, Emmanuel Momjian, Attila Popping, Tom Oosterloo, Laura Chomiuk, M. A. W. Verheijen, Patricia A. Henning, David Schiminovich, Matthew A. Bershad, Eric M. Wilcots, Nick Scoville

Status

Published/produced

Year

2013

DOI

10.1088/2041-8205/770/2/L29

Publisher

American Astronomical Society

Output Title

Discrete clouds of neutral gas between the galaxies M31 and M33

Title of Journal

\nat

Status

Published/produced

Year

2013

DOI

10.1038/nature12082

Output Title

VizieR Online Data Catalog: High-velocity clouds from GASS. I. (Moss+, 2013)

Title of Journal

VizieR Online Data Catalog

Status

Published/produced

Year

2013

Output Title

High-velocity Clouds in the Galactic All Sky Survey. I. Catalog

Title of Journal

\apjs

Status

Published/produced

Year

2013

DOI

10.1088/0067-0049/209/1/12

Output Title

Discrete clouds of neutral gas between the galaxies M31 and M33

Title of Journal

Nature

ISBN Number

0028-0836

Volume

497

Authors

Spencer A. Wolfe,D. J. Pisano,Felix J. Lockman,Stacy S. McGaugh,Edward J. Shaya

Status

Published/produced

Year

2013

Page From

224

Page To

226

DOI

10.1038/nature12082

Publisher

Springer Science and Business Media LLC

Output Title

Erratum: ``An H I Survey of Six Local Group Analogs. II. H I Properties of Group Galaxies (2011, ApJS, 197, 28)

Title of Journal

ApJ Supplement Series

ISBN Number

0067-0049

Volume

201

Authors

D. J. Pisano,David G. Barnes,Lister Staveley-Smith,Brad K. Gibson,Virginia A. Kilborn,Ken C. Freeman

Status

Published/produced

Year

2012

Page From

39

Publisher

American Astronomical Society

DOI

10.1088/0067-0049/201/2/39

Output Title

Erratum: ``An H I Survey of Six Local Group Analogs. II. H I Properties of Group Galaxies" (2011, ApJS, 197, 28)

Title of Journal

\apjs

Status

Published/produced

Year

2012

DOI

10.1088/0067-0049/201/2/39

Output Title

The H I Environment of the M101 Group

Title of Journal

ApJ

ISBN Number
0004-637X

Volume
761

Authors

J. Christopher Mihos, Katie M. Keating, Kelly Holley-Bockelmann, D. J. Pisano, Namir E. Kassim

Status

Published/produced

Year

2012

Page From

186

Publisher

American Astronomical Society

DOI

10.1088/0004-637X/761/2/186

Output Title

The H I Environment of the M101 Group

Title of Journal

\apj

Status

Published/produced

Year

2012

DOI

10.1088/0004-637X/761/2/186

Output Title

Very Large Array and ATCA Search for Natal Star Clusters in Nearby Star-forming Galaxies

Title of Journal

AJ

ISBN Number

0004-6256

Volume

141

Authors

Alan G. Aversa, Kelsey E. Johnson, Crystal L. Brogan, W. M. Goss, D. J. Pisano

Status

Published/produced

Year

2011

Page From

125

Publisher

American Astronomical Society

DOI

10.1088/0004-6256/141/4/125

Output Title

An H I Survey of Six Local Group Analogs. II. H I Properties of Group Galaxies

Title of Journal

\apjs

Status

Published/produced

Year

2011

DOI
10.1088/0067-0049/197/2/28

Output Title
Unveiling Extragalactic Star Formation Using Radio Recombination Lines: An Expanded Very Large Array Pilot Study with NGC 253

Title of Journal
ApJ Letters

ISBN Number
2041-8205

Volume
739

Authors
Amanda A. Kepley, Laura Chomiuk, Kelsey E. Johnson, W. M. Goss, Dana S. Balser, D. J. Pisano

Status
Published/produced

Year
2011

DOI
10.1088/2041-8205/739/1/L24

Publisher
American Astronomical Society

Output Title
Measuring the Halo Mass Function in Loose Groups

Title of Journal
Astrophysics and Space Science Proceedings

Status
Published/produced

Year
2011

DOI
10.1007/978-3-642-20285-8_8

Output Title
Very Large Array and ATCA Search for Natal Star Clusters in Nearby Star-forming Galaxies

Title of Journal
\aj

Status
Published/produced

Year
2011

DOI
10.1088/0004-6256/141/4/125

Output Title
Three-dimensional spectroscopy of local luminous compact blue galaxies: kinematic maps of a sample of 22 objects

Title of Journal
MNRAS

ISBN Number
0035-8711

Volume
418

Authors

J. Pérez-Gallego, R. Guzmán, A. Castillo-Morales, J. Gallego, F. J. Castander, C. A. Garland, N. Gruel, D. J. Pisano, J. Zamorano

Status

Published/produced

Year

2011

Page From

2350

Page To

2366

DOI

10.1111/j.1365-2966.2011.19627.x

Publisher

Oxford University Press (OUP)

Output Title

An H I Survey of Six Local Group Analogs. II. H I Properties of Group Galaxies

Title of Journal

ApJ Supplement Series

ISBN Number

0067-0049

Volume

197

Authors

D. J. Pisano, David G. Barnes, Lister Staveley-Smith, Brad K. Gibson, Virginia A. Kilborn, Ken C. Freeman

Status

Published/produced

Year

2011

Page From

28

Publisher

American Astronomical Society

DOI

10.1088/0067-0049/197/2/28

Output Title

Three-dimensional spectroscopy of local luminous compact blue galaxies: kinematic maps of a sample of 22 objects

Title of Journal

\mnras

Status

Published/produced

Year

2011

DOI

10.1111/j.1365-2966.2011.19627.x

Output Title

Unveiling Extragalactic Star Formation Using Radio Recombination Lines: An Expanded Very Large Array Pilot Study with NGC 253

Title of Journal
\apjl

Status
Published/produced

Year
2011

DOI
10.1088/2041-8205/739/1/L24

Output Title
Measuring the Halo Mass Function in Loose Groups

Title of Journal
Astrophysics and Space Science Proceedings

Authors
D. J. Pisano,D. G. Barnes,B. K. Gibson,L. Staveley-Smith,K. C. Freeman,V. A. Kilborn

ISBN Number
1570-6591

Status
Published/produced

Year
2011

Page From
47

Page To
49

Publisher
Springer Berlin Heidelberg

DOI
10.1007/978-3-642-20285-8_8

Output Title
Erratum: ``H I Clouds in the Lower Halo. I. The Galactic All-Sky Survey Pilot Region (2008, ApJ, 688, 290)

Title of Journal
ApJ

ISBN Number
0004-637X

Volume
710

Authors
H. Alyson Ford,N. M. McClure-Griffiths,Felix J. Lockman,J. Bailin,M. R. Calabretta,P. M. W. Kalberla,T. Murphy,D. J. Pisano

Status
Published/produced

Year
2010

Page From
1868

Page To
1868

DOI
10.1088/0004-637X/710/2/1868

Publisher
American Astronomical Society

Output Title
Integral Field Spectroscopy of Local Luminous Compact Blue Galaxies: NGC 7673, a Case Study

Title of Journal
Astrophysics and Space Science Proceedings

Authors
A. Castillo-Morales, J. Gallego, J. Pérez-Gallego, R. Guzmán, C. Garland, D. J. Pisano, F. J. Castander, N. Gruel, J. Zamorano

ISBN Number
1570-6591

Status
Published/produced

Year
2010

Page From
267

Page To
267

Publisher
Springer Berlin Heidelberg

DOI
10.1007/978-3-642-11250-8_33

Output Title
3D spectroscopy of local luminous compact blue galaxies: kinematics of NGC 7673

Title of Journal
MNRAS

ISBN Number
0035-8711

Volume
402

Authors
J. Pérez-Gallego, R. Guzmán, A. Castillo-Morales, F. J. Castander, J. Gallego, C. A. Garland, N. Gruel, D. J. Pisano, S. F. Sánchez, J. Zamorano

Status
Published/produced

Year
2010

Page From
1397

Page To
1406

DOI
10.1111/j.1365-2966.2009.15989.x

Publisher
Oxford University Press (OUP)

Output Title
3D spectroscopy of local luminous compact blue galaxies: kinematics of NGC 7673

Title of Journal
mnras

Status
Published/produced

Year
2010

DOI
10.1111/j.1365-2966.2009.15989.x

Output Title

Erratum: ``H I Clouds in the Lower Halo. I. The Galactic All-Sky Survey Pilot Region" (2008, ApJ, 688, 290)

Title of Journal

\apj

Status

Published/produced

Year

2010

DOI

10.1088/0004-637X/710/2/1868

Output Title

Integral Field Spectroscopy of Local Luminous Compact Blue Galaxies: NGC 7673, a Case Study

Title of Journal

Astrophysics and Space Science Proceedings

Status

Published/produced

Year

2010

DOI

10.1007/978-3-642-11250-8_33

Output Title

GASS: the Parkes Galactic all-sky survey. II. Stray-radiation correction and second data release

Title of Journal

ap

Status

Published/produced

Year

2010

DOI

10.1051/0004-6361/200913979

Output Title

GASS: the Parkes Galactic all-sky survey. II. Stray-radiation correction and second data release

Title of Journal

A&A

ISBN Number

0004-6361

Volume

521

Authors

P. M. W. Kalberla, N. M. McClure-Griffiths, D. J. Pisano, M. R. Calabretta, H. Alyson Ford, F. J. Lockman, L. Staveley-Smith, J. Kerp, B. Winkel, T. Murphy, K. Newton-McGee

Status

Published/produced

Year

2010

DOI

10.1051/0004-6361/200913979

Publisher
EDP Sciences

Output Title
Post-starburst galaxies and the transformation of blue into red galaxies

Title of Journal
Astronomische Nachrichten

Status
Published/produced

Year
2009

DOI
10.1002/asna.200911270

Output Title
Gass: The Parkes Galactic All-Sky Survey. I. Survey Description, Goals, and Initial Data Release

Title of Journal
\apjs

Status
Published/produced

Year
2009

DOI
10.1088/0067-0049/181/2/398

Output Title
Gass: The Parkes Galactic All-Sky Survey. I. Survey Description, Goals, and Initial Data Release

Title of Journal
ApJ Supplement Series

ISBN Number
0067-0049

Volume
181

Authors
N. M. McClure-Griffiths, D. J. Pisano, M. R. Calabretta, H. Alyson Ford, Felix J. Lockman, L. Staveley-Smith, P. M. W. Kalberla, J. Bailin, L. Dedes, S. Janowiecki, B. K. Gibson, T. Murphy, H. Nakanishi, K. Newton-McGee

Status
Published/produced

Year
2009

Page From
398

Page To
412

DOI
10.1088/0067-0049/181/2/398

Publisher
American Astronomical Society

Output Title
Anomalous H I in NGC 2997

Title of Journal
ApJ

ISBN Number
0004-637X

Volume
699

Authors
Kelley M. Hess,D. J. Pisano,Eric M. Wilcots,Jayaram N. Chengalur

Status
Published/produced

Year
2009

Page From
76

Page To
88

DOI
10.1088/0004-637X/699/1/76

Publisher
American Astronomical Society

Output Title
Post-starburst galaxies and the transformation of blue into red galaxies

Title of Journal
Astronomische Nachrichten

ISBN Number
0004-6337

Volume
330

Authors
S. De Rijcke,P. Buyle,D.J. Pisano,K. Freeman,H. Dejonghe

Status
Published/produced

Year
2009

Page From
954

Page To
959

DOI
10.1002/asna.200911270

Publisher
Wiley

Output Title
Anomalous H I in NGC 2997

Title of Journal
\apj

Status
Published/produced

Year
2009

DOI
10.1088/0004-637X/699/1/76

Output Title
An Interaction of a Magellanic Leading Arm High-Velocity Cloud with the Milky Way Disk

Title of Journal
ApJ Letters

ISBN Number
0004-637X

Volume
673

Authors
N. M. McClure-Griffiths, L. Staveley-Smith, Felix J. Lockman, M. R. Calabretta, H. Alyson Ford, P. M. W. Kalberla, T. Murphy, H. Nakanishi, D. J. Pisano

Status
Published/produced

Year
2008

DOI
10.1086/528683

Publisher
American Astronomical Society

Output Title
An Interaction of a Magellanic Leading Arm High-Velocity Cloud with the Milky Way Disk

Title of Journal
\apj

Status
Published/produced

Year
2008

DOI
10.1086/528683

Output Title
H I Clouds in the Lower Halo. I. The Galactic All-Sky Survey Pilot Region

Title of Journal
\apj

Status
Published/produced

Year
2008

DOI
10.1086/592188

Output Title
H I Clouds in the Lower Halo. I. The Galactic All-Sky Survey Pilot Region

Title of Journal
ApJ

ISBN Number
0004-637X

Volume
688

Authors

H. Alyson Ford, N. M. McClure-Griffiths, Felix J. Lockman, J. Bailin, M. R. Calabretta, P. M. W. Kalberla, T. Murphy, D. J. Pisano

Status

Published/produced

Year

2008

Page From

290

Page To

305

DOI

10.1086/592188

Publisher

American Astronomical Society

Output Title

Studying Galaxy Formation in Loose Galaxy Groups

Title of Journal

Astrophysics and Space Science Proceedings

Authors

Pisano, D. J.; Barnes, D. G.; Gibson, B. K.; Staveley-Smith, L.; Freeman, K. C.; Kilborn, V. A.

Status

Published/produced

Year

2007

Page From

319

Publisher

Springer

DOI

10.1007/978-1-4020-5573-7_55

Output Title

An H I Survey of Six Local Group Analogs. I. Survey Description and the Search for High-Velocity Clouds

Title of Journal

ApJ

ISBN Number

0004-637X

Volume

662

Authors

D. J. Pisano, David G. Barnes, Brad K. Gibson, Lister Staveley-Smith, Ken C. Freeman, Virginia A. Kilborn

Status

Published/produced

Year

2007

Page From

959

Page To

968

DOI

10.1086/517986

Publisher
American Astronomical Society

Output Title
Post-starburst galaxies and the galaxy color bimodality

Title of Journal
Nuovo Cimento B Serie

Authors
de Rijcke, S.; Buyle, P.; Pisano, D. J.; Michielsen, D.; Freeman, K.; Dejonghe, H.

Volume 122	Status Published/produced
---------------	------------------------------

Year 2007	Page From 1245
--------------	-------------------

Page To 1247	Publisher Italian Physical Society
-----------------	---------------------------------------

DOI
10.1393/ncb/i2008-10466-1

Output Title
The Nature of Nearby Counterparts to Intermediate-Redshift Luminous Compact Blue Galaxies. III. Interferometric Observations of Neutral Atomic and Molecular Gas

Title of Journal
ApJ

ISBN Number 0004-637X	Volume 671
--------------------------	---------------

Authors
C. A. Garland,D. J. Pisano,J. P. Williams,R. Guzman,F. J. Castander,Leslie J. Sage

Status Published/produced	Year 2007
------------------------------	--------------

Page From 310	Page To 322
------------------	----------------

DOI
10.1086/522514

Publisher
American Astronomical Society

Output Title
Post-starburst galaxies and the galaxy color bimodality

Title of Journal
Nuovo Cimento B Serie

Status Published/produced	Year 2007
------------------------------	--------------

DOI
10.1393/ncb/i2008-10466-1

Output Title
An H I Survey of Six Local Group Analogs. I. Survey Description and the Search for High-Velocity Clouds

Title of Journal
\apj

Status
Published/produced

Year
2007

DOI
10.1086/517986

Output Title
Studying Galaxy Formation in Loose Galaxy Groups

Title of Journal
Astrophysics and Space Science Proceedings

Status
Published/produced

Year
2007

DOI
10.1007/978-1-4020-5573-7_55

Output Title
The Nature of Nearby Counterparts to Intermediate-Redshift Luminous Compact Blue Galaxies. III. Interferometric Observations of Neutral Atomic and Molecular Gas

Title of Journal
\apj

Status
Published/produced

Year
2007

DOI
10.1086/522514

Output Title
The H I Content of E+A Galaxies

Title of Journal
\apj

Status
Published/produced

Year
2006

DOI
10.1086/505633

Output Title
Evidence for Chimney Breakout in the Galactic Supershell GSH 242-03+37

Title of Journal
lapj

Status
Published/produced

Year
2006

DOI
10.1086/498706

Output Title
Evidence for Chimney Breakout in the Galactic Supershell GSH 242-03+37

Title of Journal
ApJ

ISBN Number
0004-637X

Volume
638

Authors
N. M. McClure-Griffiths, Alyson Ford, D. J. Pisano, B. K. Gibson, L. Staveley-Smith, M. R. Calabretta, L. Dedes, P. M. W. Kalberla

Status
Published/produced

Year
2006

Page From
196

Page To
205

DOI
10.1086/498706

Publisher
American Astronomical Society

Output Title
The H I Content of E+A Galaxies

Title of Journal
ApJ

ISBN Number
0004-637X

Volume
649

Authors
P. Buyle, D. Michielsen, S. De Rijcke, D. J. Pisano, H. Dejonghe, K. Freeman

Status
Published/produced

Year
2006

Page From
163

Page To
171

DOI
10.1086/505633

Publisher
American Astronomical Society

Output Title
H I Observations of SA 68-6597: The Faintest Blue Compact Dwarf Galaxy

Title of Journal
\apjl

Status
Published/produced

Year
2005

DOI
10.1086/491645

Output Title
The Nature of Nearby Counterparts to Intermediate-Redshift Luminous Compact Blue Galaxies. II. CO Observations

Title of Journal
\apj

Status
Published/produced

Year
2005

DOI
10.1086/429362

Output Title
The Nature of Nearby Counterparts to Intermediate-Redshift Luminous Compact Blue Galaxies. II. CO Observations

Title of Journal
ApJ

ISBN Number
0004-637X

Volume
624

Authors
C. A. Garland, J. P. Williams, D. J. Pisano, R. Guzman, F. J. Castander, J. Brinkmann

Status
Published/produced

Year
2005

Page From
714

Page To
725

DOI
10.1086/429362

Publisher
American Astronomical Society

Output Title
H I Observations of SA 68-6597: The Faintest Blue Compact Dwarf Galaxy

Title of Journal
ApJ Letters

ISBN Number
0004-637X

Volume
630

Authors

D. J. Pisano, David C. Koo, Christopher N. A. Willmer, Kai Gerhard Noeske, A. C. Phillips

Status

Published/produced

Year

2005

DOI

10.1086/491645

Publisher

American Astronomical Society

Output Title

The HI Content of Compact Groups of Galaxies

Title of Journal

PASA

ISBN Number

1323-3580

Volume

21

Authors

J. B. Stevens, R. L. Webster, D. G. Barnes, D. J. Pisano, M. J. Drinkwater

Status

Published/produced

Year

2004

Page From

318

Page To

333

DOI

10.1071/AS03048

Publisher

Cambridge University Press (CUP)

Output Title

What do loose groups tell us about galaxy formation?

Title of Journal

Proceedings of Science

Authors

Pisano, D. J.; Barnes, David; Gibson, Brad; Kilborn, Virginia; Staveley-Smith, Lister; Freeman, Ken

Volume

31

Status

Published/produced

Year

2004

Publisher

SISSA

DOI

N/A

Output Title
What do loose groups tell us about galaxy formation?

Title of Journal
arXiv e-prints

Status
Published/produced

Year
2004

Output Title
Where Are the High-Velocity Clouds in Local Group Analogs?

Title of Journal
ApJ Letters

ISBN Number
0004-637X

Volume
610

Authors
D. J. Pisano,David G. Barnes,Brad K. Gibson,Lister Staveley-Smith,Ken C. Freeman,Virginia A. Kilborn

Status
Published/produced

Year
2004

DOI
10.1086/423239

Publisher
American Astronomical Society

Output Title
Searching for the Intragroup Medium in Loose Groups of Galaxies

Title of Journal
AJ

ISBN Number
0004-6256

Volume
127

Authors
D. J. Pisano,Bart P. Wakker,Eric M. Wilcots,Dirk Fabian

Status
Published/produced

Year
2004

Page From
199

Page To
212

DOI
10.1086/380217

Publisher
American Astronomical Society

Output Title
HI and Galaxy Formation in Loose Groups

Title of Journal
PASA

ISBN Number
1323-3580

Volume
21

Authors
Daniel J. Pisano

Status
Published/produced

Year
2004

Page From
390

Page To
392

DOI
10.1071/AS04055

Publisher
Cambridge University Press (CUP)

Output Title
Where Are the High-Velocity Clouds in Local Group Analogs?

Title of Journal
\apjl

Status
Published/produced

Year
2004

DOI
10.1086/423239

Output Title
The Nature of Nearby Counterparts to Intermediate-Redshift Luminous Compact Blue Galaxies. I. Optical/H I Properties and Dynamical Masses

Title of Journal
\apj

Status
Published/produced

Year
2004

DOI
10.1086/424562

Output Title
Searching for the Intragroup Medium in Loose Groups of Galaxies

Title of Journal
\aj

Status
Published/produced

Year
2004

DOI
10.1086/380217

Output Title
The HI Content of Compact Groups of Galaxies

Title of Journal
\pasa

Status
Published/produced

Year
2004

DOI
10.1071/AS03048

Output Title
The Nature of Nearby Counterparts to Intermediate-Redshift Luminous Compact Blue Galaxies. I. Optical/H I Properties and Dynamical Masses

Title of Journal
ApJ

ISBN Number
0004-637X

Volume
615

Authors
C. A. Garland,D. J. Pisano,J. P. Williams,R. Guzman,F. J. Castander

Status
Published/produced

Year
2004

Page From
689

Page To
701

DOI
10.1086/424562

Publisher
American Astronomical Society

Output Title
HI and Galaxy Formation in Loose Groups

Title of Journal
\pasa

Status
Published/produced

Year
2004

DOI
10.1071/AS04055

Output Title
Andromeda strain? [6]

Title of Journal
Natural History

Authors
Pisano III, D.J.

Status Published/produced	Year 2004
------------------------------	--------------

Output Title

Searching for Embedded Super-Star Clusters in IC 4662, NGC 1705, and NGC 5398

Title of Journal \aj

Status Published/produced	Year 2003
------------------------------	--------------

DOI 10.1086/375459

Output Title

The State of Galaxy Formation in the Local Universe

Title of Journal \apj

Status Published/produced	Year 2003
------------------------------	--------------

DOI 10.1086/345614

Output Title

The State of Galaxy Formation in the Local Universe

Title of Journal ApJ

ISBN Number 0004-637X	Volume 584
--------------------------	---------------

Authors D. J. Pisano, Eric M. Wilcots
--

Status Published/produced	Year 2003
------------------------------	--------------

Page From 228	Page To 238
------------------	----------------

DOI 10.1086/345614

Publisher American Astronomical Society
--

Output Title

Searching for Embedded Super-Star Clusters in IC 4662, NGC 1705, and NGC 5398

Title of Journal AJ

ISBN Number
0004-6256

Volume
126

Authors
Kelsey E. Johnson,Rmy Indebetouw,D. J. Pisano

Status
Published/produced

Year
2003

Page From
101

Page To
112

DOI
10.1086/375459

Publisher
American Astronomical Society

Output Title
An H I/Optical Atlas of Isolated Galaxies

Title of Journal
ApJ Supplement Series

ISBN Number
0067-0049

Volume
142

Authors
D. J. Pisano,Eric M. Wilcots,Charles T. Liu

Status
Published/produced

Year
2002

Page From
161

Page To
222

DOI
10.1086/341787

Publisher
American Astronomical Society

Output Title
Assembling Isolated Galaxies

Title of Journal
Astrophysics and Space Science

Authors
Pisano, D. J.; Wilcots, Eric M.

Volume
281

Status
Published/produced

Year
2002

Page From
545

DOI
10.1023/A:1019543514214

Publisher
Springer

Output Title
An H I/Optical Atlas of Isolated Galaxies

Title of Journal
\apjs

Status
Published/produced

Year
2002

DOI
10.1086/341787

Output Title
Assembling Isolated Galaxies

Title of Journal
\apss

Status
Published/produced

Year
2002

DOI
10.1023/A:1019543514214

Output Title
The Gas Content and Kinematics of Nearby Blue Compact Galaxies: Implications for Studies at Intermediate and High Redshift

Title of Journal
AJ

ISBN Number
0004-6256

Volume
122

Authors
D. J. Pisano, Henry A. Kobulnicky, Rafael Guzmán, Jesús Gallego, Matthew A. Bershadsky

Status
Published/produced

Year
2001

Page From
1194

Page To
1212

DOI
10.1086/322236

Publisher
American Astronomical Society

Output Title

The Gas Content and Kinematics of Nearby Blue Compact Galaxies: Implications for Studies at Intermediate and High Redshift

Title of Journal

\aj

Status

Published/produced

Year

2001

DOI

10.1086/322236

Output Title

Companions and interactions in the NGC 6946 system

Title of Journal

MNRAS

ISBN Number

0035-8711

Volume

319

Authors

D. J. Pisano, Eric M. Wilcots

Status

Published/produced

Year

2000

Page From

821

Page To

825

DOI

10.1046/j.1365-8711.2000.03902.x

Publisher

Oxford University Press (OUP)

Output Title

Structure and Star Formation in NGC 925

Title of Journal

AJ

ISBN Number

0004-6256

Volume

120

Authors

D. J. Pisano, Eric M. Wilcots, Bruce G. Elmegreen

Status

Published/produced

Year

2000

Page From

763

Page To

776

DOI

10.1086/301464

Publisher
American Astronomical Society

Output Title
Structure and Star Formation in NGC 925

Title of Journal
\aj

Status
Published/produced

Year
2000

DOI
10.1086/301464

Output Title
Companions and interactions in the NGC 6946 system

Title of Journal
\mnras

Status
Published/produced

Year
2000

DOI
10.1046/j.1365-8711.2000.03902.x

Output Title
Gas-Rich Companions of Isolated Galaxies

Title of Journal
AJ

ISBN Number
0004-6256

Volume
117

Authors
D. J. Pisano, Eric M. Wilcots

Status
Published/produced

Year
1999

Page From
2168

Page To
2176

DOI
10.1086/300846

Publisher
American Astronomical Society

Output Title
Gas-Rich Companions of Isolated Galaxies

Title of Journal
\aj

Status
Published/produced

Year
1999

DOI
10.1086/300846

Output Title
The H I Distribution and Dynamics in Two Late-Type Barred Spiral Galaxies: NGC 925 and NGC 1744

Title of Journal
AJ

ISBN Number
0004-6256

Volume
115

Authors
D. J. Pisano, Eric M. Wilcots, Bruce G. Elmegreen

Status
Published/produced

Year
1998

Page From
975

Page To
999

DOI
10.1086/300239

Publisher
American Astronomical Society

Output Title
H I Observations of the Spiral Arm Pattern Speed in the Late-Type Barred Galaxy NGC 925

Title of Journal
\apjl

Status
Published/produced

Year
1998

DOI
10.1086/311165

Output Title
A Search for Optical Afterglow from GRB 970828

Title of Journal
\apjl

Status
Published/produced

Year
1998

DOI
10.1086/311125

Output Title
A Search for Optical Afterglow from GRB 970828

Title of Journal
ApJ Letters

ISBN Number
0004-637X

Volume
493

Authors

P. J. Groot, T. J. Galama, J. van Paradijs, C. Kouveliotou, R. A. M. J. Wijers, J. Bloom, N. Tanvir, R. Vanderspek, J. Greiner, A. J. Castro-Tirado, J. Gorosabel, T. von Hippel, M. Lehnert, K. Kuijken, H. Hoekstra, N. Metcalfe, C. Howk, C. Conselice, J. Telting, R. G. M. Rutten, J. Rhoads, A. Cole, D. J. Pisano, R. Naber, R. Schwarz

Status
Published/produced

Year
1998

DOI
10.1086/311125

Publisher
American Astronomical Society

Output Title

The H I Distribution and Dynamics in Two Late-Type Barred Spiral Galaxies: NGC 925 and NGC 1744

Title of Journal
\aj

Status
Published/produced

Year
1998

DOI
10.1086/300239

Output Title

H I Observations of the Spiral Arm Pattern Speed in the Late-Type Barred Galaxy NGC 925

Title of Journal
ApJ Letters

ISBN Number
0004-637X

Volume
494

Authors

Bruce G. Elmegreen, Eric Wilcots, D. J. Pisano

Status
Published/produced

Year
1998

DOI
10.1086/311165

Publisher
American Astronomical Society

Output Title

GRB 970508

Title of Journal
iaucirc

Status
Published/produced

Year
1997

Output Title
GRB 970508

Title of Journal
IAU Circular

Authors
Schaefer, B.; Schaefer, M.; Smith, P.; Mackey, C.; Wilcots, E.; Pisano, D. J.; Howk, C.; Costa, E.; Feroci, M.; Piro, L.; Tavani, M.; Frontera, F.; Palazzi, E.; Nicastro, L.; Djorgovski, S. G.; Odewahn, S. C.; Gal, R. R.; Metzger, M. R.; Kulkarni, S. R.; Pahre, M. A.; Frail, D. A.

Volume
6658

Status
Published/produced

Year
1997

Publisher
Central Bureau for Astronomical Telegrams

DOI
N/A

Output Title
The emissivity of volatile ices on Triton and Pluto

Title of Journal
\planss

Status
Published/produced

Year
1996

DOI
10.1016/0032-0633(96)00001-3

Output Title
Detection of 130 ``Diffuse" Galactic H II Regions

Title of Journal
\apj

Status
Published/produced

Year
1996

DOI
10.1086/178052

Output Title
Detection of 130 ``Diffuse Galactic H II Regions

Title of Journal
ApJ

ISBN Number
0004-637X

Volume
472

Authors
Felix J. Lockman,D. J. Pisano,Gregory J. Howard

Status
Published/produced

Year
1996

Page From
173

Page To
182

DOI
10.1086/178052

Publisher
American Astronomical Society

Output Title
The emissivity of volatile ices on Triton and Pluto

Title of Journal
Planetary & Space Sciences

ISBN Number
0032-0633

Volume
44

Authors
John A. Stansberry,D.J. Pisano,Roger V. Yelle

Status
Published/produced

Year
1996

Page From
945

Page To
955

DOI
10.1016/0032-0633(96)00001-3

Publisher
Elsevier BV

Output Title
The MeerKAT Fornax Survey II. The rapid removal of H²I from dwarf galaxies in the Fornax cluster

Title of Journal
Astronomy and Astrophysics

Authors
Kleiner D, Serra P, MacCagni FM, Raj MA, De Blok WJG, Józsa GIG, Kamphuis P, Kraan-Korteweg RC, Loi F, Loni A, Loubser SI, Molnár DC, Oosterloo TA, Peletier R, Pisano III DJ

Status
Published/produced

Year
0

DOI
10.1051/0004-6361/202346461

Output Title
Uncovering Extraplanar Gas in UGCA250 with the Ultra-deep
MHONGOOSE Survey

Title of Journal
Monthly Notices of the Royal Astronomical Society

Authors
Pisano III D

Status
Published/produced

Year
0

DOI
<https://doi.org/10.1093/mnras/staf387>

Output Title
Masses, Star-Formation Efficiencies, and Dynamical Evolution of 18,000 H II Regions

Title of Journal
Astrophysics

Authors
Kurapati S, Pisano III D

Status
Published/produced

Year
0

DOI
<https://doi.org/10.48550/arXiv.2509.22789>

Output Title
Project AMIGA: The Inner Circumgalactic Medium of Andromeda from Thick Disk to Halo

Title of Journal
Astrophysics

Authors
Pisano III D

Status
Published/produced

Year
0

DOI
<https://doi.org/10.48550/arXiv.2506.16573>

Output Title
MIGHTEE-H?: possible interactions with the galaxy NGC 895

Title of Journal
Monthly Notices of the Royal Astronomical Society

Authors

Namumba B, Román J, Falcón-Barroso J, Knapen J H, Ianjamasimanana R, Naluminsa E, Józsa G I G, Korsaga M, Maddox N, Frank B, Sikhosana S, Legodi S, Carignan C, Ponomareva AA, Jarrett TH, Lucero D, Smirnov OM, van der Hulst JM, Pisano III DJ, Malek K, Marchetti L, Vaccari M, Jarvis M, Baes M, Meyer M, Adams E A K, Chen H, Delhaize JC, Rajohnson S, Kurapati S, Heywood I, Verdes-Montenegro L.

Status

Published/produced

Year

0

DOI

10.1093/mnras/stad857

Output Title

Neutral atomic and molecular gas dynamics in the nearby spiral galaxies NGC 1512, NGC 4535, and NGC 7496

Title of Journal

Astronomy and Astrophysics

Authors

Laudage S, Eibensteiner C, Bigiel F, Leroy AK, Meidt S, Schinnerer E, De Blok W, Querejeta M, Stuber S, Colombo D, Rosolowsky E, Pisano III DJ, Utomo D, Levy RC, Klessen R, Cao Y, Koch EW, Kurapati S, Sanchez-Blazquez P, Neumann J, Neumann L, Pan H, Williams TG

Status

Published/produced

Year

0

DOI

10.1051/0004-6361/202450265

Output Title

MHONGOOSE: A MeerKAT nearby galaxy H I survey

Title of Journal

Astronomy and Astrophysics

Authors

de Blok WJG, Healy J, Maccagni FM, Pisano DJ, Bosma A, English J, Jarrett T, Marasco A, Meurer GR, Veronese S, Bigiel F, Chemin L, Fraternali F, Holwerda B, Kamphuis P, Klöckner H, Kleiner D, Leroy A, Mogotsi M, Oman K, Schinnerer E, Verdes-Montenegro L, Westmeier T, Wong O, Zabel N, Amram P, Carignan C, Combes F, Brinks E, Dettmar R, Gibson B, Jozsa G, Koribalski B, McGaugh S, Oosterloo T, Spekkens K, Schröder A, Adams E, Athanassoula E, Bershady M, Beswick R, Blyth S, Elson E, Frank B, Heald G, Henning P, Kurapati S, Loubser S, {Lucero} D, Meyer M, Namumba B, Oh S-, Sardone A, Sheth K, Smith M, Sorgho A, Walter F, Williams T, Woudt P, Zijlstra A

Status

Published/produced

Year

0

DOI

10.1051/0004-6361/202348297

Output Title

Possible origins of anomalous H I gas around MHONGOOSE galaxy, NGC 5068

Title of Journal

Astronomy and Astrophysics

Authors

Healy J, De Blok WJG, Maccagni FM, Amram P, Chemin L, Combes F, Holwerda BW, Kamphuis P, Pisano III DJ, Schinnerer E, Spekkens K, Verdes-Montenegro L, Walter F, Adams E, Gibson B, Kleiner D, Veronese S, Zabel N, English J, Carignan C

Status

Published/produced

Year

0

DOI

10.1051/0004-6361/202347475

Output Title

H I galaxy signatures in the SARAO MeerKAT galactic plane survey - II. The Local Void and its substructure

Title of Journal

Monthly Notices of the Royal Astronomical Society

Authors

Kurapati S, Kraan-Korteweg RC, Pisano III DJ, Chen H, Rajohnson SHA, Steyn N, Frank B, Serra P, Goedhart S, Camilo F

Status

Published/produced

Year

0

DOI

10.1093/mnras/stad3823

Output Title

H I galaxy signatures in the SARAO MeerKAT galactic plane survey - III. Unveiling the obscured part of the Vela Supercluster

Title of Journal

Monthly Notices of the Royal Astronomical Society

Authors

Rajohnson SHA, Kraan-Korteweg RC, Chen H, Frank B, Steyn N, Kurapati S, Pisano III DJ, Staveley-Smith L, Serra P, Goedhart S, Camilo F

Status

Published/produced

Year

0

DOI

10.1093/mnras/stae1354

Output Title

Detection of diffuse H I emission in the circumgalactic medium of NGC 891 and NGC 4565 - II

Title of Journal

Monthly Notices of the Royal Astronomical Society

Authors

Das S, Rickel M, Leroy A, Pingel NM, Pisano III DJ, Heald G, Mathur S, Kingsbury J, Sardone A

Status

Published/produced

Year

0

DOI
10.1093/mnras/stad3892

Output Title
NGC 1436: the making of a lenticular galaxy in the Fornax Cluster

Title of Journal
Monthly Notices of the Royal Astronomical Society

Authors
Loni A, Serra P, Sarzi M, Józsa GIG, Galán-de Anta PM, Zabel N, Kleiner D, Maccagni FM, Molnár D, Ramatsoku M, Loi F, Corsini EM, Pisano III DJ, Kamphuis P, Davis TA, De Blok WJG, Dettmar RJ, Falcon-Barroso J, Iodice E, Lara-López MA, Loubser SI, Morokuma-Matsui K, Peletier R, Pinna F, Poci A, Smith MWL, Trager SC, van de Ven G.

Status Published/produced	Year 0
------------------------------	-----------

DOI
10.1093/mnras/stad1422

Output Title
Kinematic analysis of the super-extended H₂I disk of the nearby spiral galaxy M 83

Title of Journal
Astronomy and Astrophysics

Authors
Eibensteiner C, Bigiel F, Leroy AK, Koch EW, Rosolowsky E, Schinnerer, Sardone A, Meidt S, De Blok WJG, Thilker D, Pisano III DJ, Ott J, Barnes A, Querejeta M, Emsellem E, Puschig J, Utomo D, Bešić I, den Brok J, Faridani S, Glover SCO, Grasha K, Hassani H, Henshaw JD, Jiménez-Donaire MJ, Kerp J, Dale DA, Kruijssen JMD, Laudage S, Sanchez-Blazquez P, Smith R, Stuber S, Pessa I, Watkins EJ, Williams TJB, Winkel B

Status Published/produced	Year 0
------------------------------	-----------

DOI
10.1051/0004-6361/202245290

Output Title
The MeerKAT Fornax Survey: III. Ram-pressure stripping of the tidally interacting galaxy NGC 1427A in the Fornax cluster

Title of Journal
Astronomy and Astrophysics

Authors
Serra P, Oosterloo TA, Kamphuis P, Józsa GIG, De Blok WJG, Bryan GL, van Gorkom JH, Iodice E, Kleiner D, Loni A, Loubser SI, Maccagni FM, Molnár D, Peletier R, Pisano III DJ, Ramatsoku M, Smith MWL, Verheijen MAW, Zabel N

Status Published/produced	Year 0
------------------------------	-----------

DOI
10.1051/0004-6361/202450114

Output Title

The MeerKAT Fornax Survey: I. Survey description and first evidence of ram pressure in the Fornax galaxy cluster

Title of Journal

Astronomy and Astrophysics

Authors

Serra P, MacCagni FM, Kleiner D, Molnár D, Ramatsoku M, Loni A, Loi F, De Blok WJG, Bryan GL, Dettmar RJ, Frank B, Van Gorkom JH, Govoni F, Iodice E, Józsa GIG, Kamphuis P, Kraan-Korteweg RC, Loubser SI, Murgia M, Oosterloo TA, Peletier R, Pisano III DJ, Smith MWL, Trager SC, Verheijen MAW.

Status

Published/produced

Year

0

DOI

10.1051/0004-6361/202346071

Output Title

Commissioning the HI Observing Mode of the Beamformer for the Cryogenically Cooled Focal L-band Array for the GBT (FLAG)

Title of Journal

Astronomical Journal

Authors

Pingel, N. M.; Pisano, D. J.; Ruzindana, M.; Burnett, M.; Rajwade, K. M.; Black, R.; Jeffs, B.; Lorimer, D. R.; Anish Rosh, D.; Prestage, R.; McLaughlin, M. A.; Agarwal, D.; Chamberlin, T.; Hawkins, L.; Jensen, L.; Marganian, P.; Nelson, J. D.; Shillue, W.; Smith, E.; Simon, B.; Van Tonder, V.; White, S.

Status

In press

Publisher

AAS Journals

DOI

N/A

Output Title

The Evolution of the Luminosity Function for Luminous Compact Blue Galaxies to $z=1$

Title of Journal

ApJ

Authors

Hunt, L. R.; Pisano, D. J.; Crawford, S. M.; Bershad, M. A.; Wirth, G. D.

Status

In press

Publisher

AAS Journals

DOI

N/A

Books

Output Title

N/A

Authors
N/A

Editor
N/A

Status
Not relevant

Publisher
N/A

DOI
N/A

Books Edited by Applicant

Output Title
Dark Matter in Galaxies

Authors
S.D. Ryder, D.J. Pisano, M.A. Walker, K.C. Freeman

ISBN Number
1583811672

Status
Published/produced

Editor
S.D. Ryder, D.J. Pisano, M.A. Walker, K.C. Freeman

Year
2004

Publisher
Astronomical Society of the Pacific

DOI
N/A

Chapters in Books

Output Title
Luminous compact blue galaxies in the local Universe: A key reference for high-redshift studies

Title of Journal
Starbursts: From 30 Doradus to Lyman Break Galaxies

Status
Published/produced

Year
2005

Output Title
N/A

Authors
N/A

Editor
N/A

Status
Not relevant

Publisher
N/A

DOI
N/A

Keynote/Plenary Addresses

Contribution Title

Towards an understanding of of the diffuse HI around nearby galaxies

Authors

D.J. Pisano

Status

Presented

Year

2024

Description

Invited talk at the 244th Meeting of the American Astronomical Society Meeting-in-a-meeting

Contribution Title

Science with FLAG as a Pathfinder for ALPACA

Authors

D.J. Pisano

Status

Submitted

Year

2019

Description

Invited Plenary Address

Output Title

Science with FLAG as a Pathfinder for ALPACA

Authors

D.J. Pisano

Status

Submitted

Year

2019

Contribution Title

A Wide-Field L-band Focal Plane Array Beamformer for Pulsar, Diffuse Hydrogen, and Fast Transient Surveys on the GBT

Authors

D.J. Pisano

Status

Submitted

Year

2018

Description

Invited talk at the Annual NASA/NSF Long-Wavelength PI meeting

Output Title

A Wide-Field L-band Focal Plane Array Beamformer for Pulsar, Diffuse Hydrogen, and Fast Transient Surveys on the GBT

Authors

D.J. Pisano

Status
Submitted

Year
2018

Contribution Title

Galaxy Formation and Evolution: where we are and where we are going

Authors

D.J. Pisano

Status

Submitted

Year

2017

Description

Invited review talk at Transformative Science for the Next Decade with the Green Bank Observatory

Output Title

Galaxy Formation and Evolution: where we are and where we are going

Authors

D.J. Pisano

Status

Submitted

Year

2017

Contribution Title

The COSMOS HI Large Extragalactic Survey: Pipeline Development

Authors

D.J. Pisano

Status

Submitted

Year

2016

Description

Invited talk at PHISCC 2016: Upgrading our HI Toolkit

Output Title

The COSMOS HI Large Extragalactic Survey: Pipeline Development

Authors

D.J. Pisano

Status

Submitted

Year

2016

Output Title

Mapping diffuse HI around nearby galaxies

Authors

D.J. Pisano

Status

Submitted

Year

2015

Output Title
Observations of gas in the far outer regions of nearby galaxies

Authors
D.J. Pisano

Status
Submitted

Year
2014

Output Title
Observations of the evolution of hydrogen in galaxies across different environments

Authors
D.J. Pisano

Status
Submitted

Year
2014

Output Title
Tracing the flow of gas onto galaxies the Green Bank Telescope and FAST

Authors
D.J. Pisano

Status
Submitted

Year
2012

Output Title
Galaxy Formation, Evolution, and Transformation in Galaxy Groups

Authors
D.J. Pisano

Status
Submitted

Year
2009

Output Title
HI in the Local Group: what analogous groups tell us

Authors
D.J. Pisano

Status
Submitted

Year
2006

Other Recognised Research Outputs

Output Title
Exploring the origin of the M31-M33 filament

Status
Published/produced

Year
2020

Output Title
Exploring the origin of the M31-M33 filament

Status
Published/produced

Year
2020

Output Title
Project AMIGA: Mapping the Circumgalactic Medium of Andromeda

Status
Published/produced

Year
2015

Output Title
The infall and outflow of multi-component high velocity clouds

Status
Published/produced

Year
2013

Output Title
OT2_dpisano_1: Measuring the duration of star formation in local luminous compact blue galaxies.

Status
Published/produced

Year
2011

Output Title
The Interaction of the Magellanic Leading Arm and the Galactic Plane

Status
Published/produced

Year
2007

Output Title
Science Case for a K-Band Focal Plane Array for the Green Bank Telescope

Status
Published/produced

Year
2007

Output Title
A 3mm Heterodyne Focal Plane Array for the GBT

Status
Published/produced

Year
2007

Output Title
Galactic All-Sky Survey

Status
Published/produced

Year
2006

Output Title
HI detection in E+A galaxies

Status Published/produced	Year 2006
Output Title Galactic All-Sky Survey	
Status Published/produced	Year 2006
Output Title The dense and diffuse molecular gas content of E+A galaxies	
Status Published/produced	Year 2006
Output Title Tracing the Local Void and its substructure with MeerKAT	
Authors Kurapati S, Kraan-Korteweg RC, Pisano DJ, Chen H, Rajohnson SAH, Steyn N, Frank B, Serra P, Goedhart S, Camilo F	
Status Published/produced	Year 0
DOI 10.46620/URSIATRASC24/WLAU3744	
Description N/A	
Authors N/A	
Status Not relevant	
Other Significant Conference Outputs	
Output Title IAU General Assembly	
Contribution Title A Multiwavelength Study of Star Formation in PHANGS galaxy IC 5332	
Authors Kummer, Kyra, Pisano, D. J., and Marchetti, Lucia	
Status Presented	Year 2024
Country South Africa	

Output Title
IAU General Assembly

Contribution Title
First MeerKAT Observations of the Brightest M31-M33 Neutral Hydrogen Cloud in the Circumgalactic Medium of M31

Authors
Kummer, Kyra and Pisano, D. J.

Status Presented	Year 2024
Country South Africa	

Output Title
IAU General Assembly

Contribution Title
HI at unprecedented sensitivities: the remarkable HI contents of MHONGOOSE galaxy UGCA320 and its neighbours

Authors
Zabel, Nikki, Kurapati, Sushma, Pisano, D. J., De Blok, Erwin, and Healy, Julia,

Status Presented	Year 2024
Country South Africa	

Output Title
IAU General Assembly

Contribution Title
Exploring the Ophiuchus Supercluster with SRAO MeerKAT Galactic Plane Survey

Authors
Louw, Austun, Kurapati, Sushma, Pisano, D. J., and Kraan-Korteweg, Renee

Status Presented	Year 2024
Country South Africa	

Output Title
American Astronomical Society

Contribution Title
Spectral Kurtosis Mitigation of Radio Frequency Interference in Green Bank Telescope Data

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Smith, Evan; Lynch, Ryan; Pisano, Daniel

Status
Presented

Year
2024

Country
USA

Output Title
IAU General Assembly

Contribution Title
New insight into dynamically important large-scale structures from the SARAO MeerKAT Galactic Plane Legacy Survey

Authors
Kraan-Korteweg, Renée C., Pisano, Daniel J., Kurapati, Sushma, Frank, Bradley, Steyn, Nadia, and Rajohnson, Sambatra

Status
Presented

Year
2024

Country
South Africa

Output Title
IAU General Assembly

Contribution Title
Understanding the Evolutionary History of UGCA319 Through Analysis of HI Gas Distributions & Kinematics

Authors
Scannell, Omri, Zabel, Nikki, Pisano, D. J., and De Blok, Erwin

Status
Presented

Year
2024

Country
South Africa

Output Title
IAU General Assembly

Contribution Title
Imaging Spectral-Line Deep Fields in the SKA-Era: insights from CHILES and DINGO

Authors
Dodson, Richard, Williamson, Alex, Elahi, Pascal, Rhee, Jonghwan, Meyer, Martin, Pisano, Dj, Gong, Qian, Rozgonyi, Kristof, Lubert, Nick, Chiles Team, and Dingo Team

Status
Presented

Year
2024

Country
South Africa

Output Title
IAU General Assembly

Contribution Title
Mass Modelling of galaxies Over a Billion Years of Cosmic Time

Authors
Simango, Yara, Maddox, Natasha, and Pisano, Daniel

Status Presented	Year 2024
Country South Africa	

Output Title
Project AMIGA: Identifying the Circumgalactic Gas Associated with Andromeda and its Dwarf Satellites

Title of Journal
American Astronomical Society meeting #235

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Berek, S.; Lehner, N.; Howk, J.; Wakker, B.; Jenkins, E.; Prochaska, J.; Barger, K.; Bordoloi, R.; Brown, T.; French, D.; Guhathakurta, P.; Lockman, F.; O'Meara, J.; Peebles, M.; Pisano, D.; Ribaud, J.

Status Presented	Year 2020
---------------------	--------------

Output Title
Project AMIGA: Extent and Distribution of the Circumgalactic Medium of Andromeda

Title of Journal
American Astronomical Society meeting #235

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Lehner, N.; Berek, S.; Howk, J.; Wakker, B.; Jenkins, E.; Prochaska, J.; Barger, K.; Bordoloi, R.; Brown, T.; French, D.; Guhathakurta, P.; Lockman, F.; O'Meara, J.; Peebles, M.; Pisano, D.; Ribaud, J.

Status Presented	Year 2020
---------------------	--------------

Output Title
Extremely Deep HI Observations Throughout the Virial Volume of Nearby IMAGINE Galaxies

Title of Journal
American Astronomical Society meeting #235

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Sardone, A.; Pisano, D.; Popping, A.; Rhee, J.; Staveley-Smith, L.; Kleiner, D.

Status
Presented

Year
2020

Output Title
The Nature of Low-Density Star Formation

Title of Journal
Astro2020: Decadal Survey on Astronomy and Astrophysics, science white papers

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Thilker, David; Lee, Janice; Capak, Peter; Cook, David; Dale, Danny; Elmegreen, Bruce; Gil de Paz, Armando; Gallagher, Jay; Hunter, Deidre; Leroy, Adam; Meurer, Gerhard; Pisano, D. J.; Rafelski, Marc;
Tosi, Monica; Wofford, Aida

Status
Published/produced

Year
2019

Page From
525

Output Title
Arecibo Observatory in the Next Decade

Title of Journal
Astro2020: Decadal Survey on Astronomy and Astrophysics, APC white papers

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Roshi, Anish; Anderson, L. D.; Araya, E.; Balser, D.; Briske, W.; Brum, C.; Campbell, D.; Chatterjee, S.; Churchwell, E.; Condon, J.; Cordes, J.; Cordova, F.; Fernandez, Y.; Gago, J.; Ghosh, T.; Goldsmith, P. F.; Heiles, C.; Hickson, D.; Jeffs, B.; Jones, K. M.; Lautenbach, J.; Lewis, B. M.; Lynch, R. S.; Manoharan, P. K.; Marshall, S.; Minchin, R.; Palliyaguru, N. T.; Perera, B. B. P.; Perillat, P.; Pinilla-Alonso, N.; Pisano, D. J.; Quintero, L.; Raizada, S.; Ransom, S. M.; Fernandez-Rodriguez, F. O.; Salter, C. J.; Santos, P.; Sulzer, M.; Taylor, P. A.; Venditti, F. C. F.; Venkataraman, A.; Virkki, A. K.; Wolszczan, A.; Womack, M.; Zambrano-Marin, L. F.

Status
Published/produced

Year
2019

Page From
244

Output Title

Resolved observations of neutral hydrogen in nine $z \sim 0$ luminous compact blue galaxies

Title of Journal

American Astronomical Society Meeting #234

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Rabidoux, Katie; Pisano, Daniel J.; Garland, Catherine A.; Guzman, Rafael; Castander, Francisco Javier

Status

Presented

Year

2019

Output Title

Completing the Hydrogen Census in the Circumgalactic Medium at $z \sim 0$

Title of Journal

Astro2020: Decadal Survey on Astronomy and Astrophysics, science white papers

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Pisano, D. J.; Fox, A.; French, D.; Howk, J. C.; Lehner, N.; Lockman, F. J.; Jones, K.

Status

Published/produced

Year

2019

Page From

568

Output Title

What drives the evolution of Luminous Compact Blue Galaxies in Clusters vs. the Field?

Title of Journal

AAS Meeting #232

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Wirth, Gregory D.; Bershad, Matthew A.; Crawford, Steven M.; Hunt, Lucas; Pisano, Daniel J.; Randriamampandry, Solohery M.

Status

Presented

Year

2018

Output Title

Uncovering the hidden iceberg structure of the Galactic halo

Title of Journal

AAS Meeting #231

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Moss, Vanessa A.; Di Teodoro, Enrico M.; McClure-Griffiths, Naomi M.; Lockman, Felix; Pisano, D. J.; Price, Daniel; Rees, Glen

Status
Presented

Year
2018

Output Title
The Latest Results from the Focal L-Band Array for the Green Bank Telescope (FLAG), the World's (Current) Most Sensitive Phased Array Feed

Title of Journal
AAS Meeting #231

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Pingel, Nickolas; Pisano, D. J.

Status
Presented

Year
2018

Output Title
The Evolution of Luminous Compact Blue Galaxies in the COSMOS Field

Title of Journal
AAS Meeting #231

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Hunt, Lucas; Pisano, D. J.; Bershad, Matthew; Crawford, Steve

Status
Presented

Year
2018

Output Title
The NSF Undergraduate ALFALFA Team: Partnering with Arecibo Observatory to Offer Undergraduate and Faculty Extragalactic Radio Astronomy Research Opportunities

Title of Journal
AAS Meeting #229

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Ribaudo, Joseph; Koopmann, Rebecca A.; Haynes, Martha P.; Balonek, Thomas J.; Cannon, John M.; Coble, Kimberly A.; Craig, David W.; Denn, Grant R.; Durbala, Adriana; Finn, Rose; Hallenbeck, Gregory L.; Hoffman, G. Lyle; Lebron, Mayra E.; Miller, Brendan P.; Crone-Odekon, Mary; O'Donoghue, Aileen A.; Olowin, Ronald Paul; Pantoja, Carmen; Pisano, Daniel J.; Rosenberg, Jessica L. Troischt, Parker; Venkatesan, Aparna; Wilcots, Eric M.; ALFALFA Team

Status
Presented

Year
2017

Output Title

Using the Greenbank Telescope with Gravitational Lensing and the VLA to search for HI Beyond $z=0.25$

Title of Journal

AAS Meeting #229

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Hunt, Lucas; Pisano, Daniel J.; Crawford, Steve; CHILES

Status

Presented

Year

2017

Output Title

Mapping Diffuse HI Content in MHONGOOSE Galaxies NGC 1744 and NGC 7424

Title of Journal

AAS Meeting #229

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Sardone, Amy; Pisano, Daniel J.; Pingel, Nickolas

Status

Presented

Year

2017

Output Title

The Extended Disk of NGC 404

Title of Journal

AAS Meeting #227

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Donovan Meyer, Jennifer; Martini, Paul; Leroy, Adam; Pisano, Daniel J.; Thilker, David A.

Status

Presented

Year

2016

Output Title

The RESOLVE Survey Atomic Gas Census and Environmental Influences on Galaxy Gas Content

Title of Journal

AAS Meeting #227

Proceeding Title
Bulletin of the American Astronomical Society

Authors

Stark, David; Kannappan, Sheila; Eckert, Kathleen D.; Jonathan, Florez; Hall, Kirsten; Watson, Linda C.; Hoversten, Erik A.; Burchett, Joseph; Guynn, David; Baker, Ashley; Moffett, Amanda J.; Berlind, Andreas A.; Norris, Mark A.; Haynes, Martha P.; Giovanelli, Riccardo; Leroy, Adam K.; Pisano, Daniel J.; Wei, Lisa H.; Gonzalez, Roberto; RESOLVE Team

Status
Presented

Year
2016

Output Title
Exploring the Origin of HI Profile Asymmetries in the RESOLVE Survey

Title of Journal
AAS Meeting #227

Proceeding Title
Bulletin of the American Astronomical Society

Authors

Stark, David; Kannappan, Sheila; Eckert, Kathleen D.; Hall, Kirsten; Haynes, Martha P.; Burchett, Joseph; Pisano, Daniel J.; RESOLVE Team

Status
Presented

Year
2016

Output Title
Revisiting the SNR Content of NGC 6946 with Deep WIYN Images

Title of Journal
AAS Meeting #225

Proceeding Title
Bulletin of the American Astronomical Society

Authors

Pisano, Marisa; Pisano, Daniel J.; Agueros, Marcel A.

Status
Presented

Year
2015

Output Title
The Influence of Local and Large-Scale Environment on Galaxy Gas Reservoirs in the RESOLVE Survey

Title of Journal
AAS Meeting #225

Proceeding Title
Bulletin of the American Astronomical Society

Authors

Stark, David V.; Kannappan, Sheila; Baker, Ashley; Berlind, Andreas A.; Burchett, Joseph; Eckert, Kathleen D.; Florez, Jonathan; Hall, Kirsten; Haynes, Martha P.; Giovanelli, Riccardo; Gonzalez, Roberto; Guynn, David; Hoversten, Erik A.; Leroy, Adam K.; Moffett, Amanda J.; Pisano, Daniel J.; Watson, Linda C.; Wei, Lisa H.; Resolve Team

Status

Presented

Year

2015

Output Title

Evolution of local luminous compact blue galaxies

Title of Journal

AAS Meeting #225

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Rabidoux, Katherine; Pisano, Daniel J.

Status

Presented

Year

2015

Output Title

Searching for HI at $N_{\text{HI}} \sim 10^{17} \text{ cm}^{-2}$ around nearby galaxies

Title of Journal

AAS Meeting #225

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Pisano, Daniel J.; Lockman, Felix J.; Wolfe, Spencer A.

Status

Presented

Year

2015

Output Title

Tracing the flow of gas onto galaxies with the Green Bank Telescope

Title of Journal

AAS Meeting #223

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Pisano, Daniel J.; Rabidoux, K.; de Blok, W.; Leroy, A. K.; Walter, F.; Bigiel, F.; Brinks, E.; Keating, K. M.

Status

Presented

Year

2014

Output Title
Probing star formation in local luminous compact blue galaxies

Title of Journal
AAS Meeting #223

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Rabidoux, Katherine; Pisano, D. J.; Kepley, A. A.; Johnson, K. E.

Status
Presented

Year
2014

Output Title
Clouds of neutral hydrogen between M31 and M33 and around the Milky Way

Title of Journal
Bulletin of the American Astronomical Society

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Wolfe, Spencer A.; Pisano, D. J.; Lockman, F. J.; McGaugh, S. S.; Shaya, E. J.

Status
Presented

Year
2014

Output Title
A GBT HI Survey of the HALOGAS Galaxies

Title of Journal
AAS Meeting #223

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Pingel, Nickolas; Pisano, D. J.

Status
Presented

Year
2014

Output Title
Measuring the Obscured Ionized Gas in the Center of the Nearby Face-on Spiral IC 342 with the GBT and EVLA

Title of Journal
AAS Meeting #221

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Kepley, Amanda A.; Balser, D. S.; Chomiuk, L.; Goss, M.; Johnson, K. E.; Meier, D. S.; Pisano, D. J.

Status
Presented

Year
2013

Output Title
Massive Star Formation in Extreme Galaxies Using Radio Recombination Lines

Title of Journal
AAS Meeting #219

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Kepley, Amanda A.; Balser, D.; Chomiuk, L.; Goss, W.; Johnson, K.; Meier, D.; Pisano, D.; Pope, A.

Status
Presented

Year
2012

Output Title
The Fine Structure in the Low Column Density HI Bridge between M31 and M33

Title of Journal
AAS Meeting #220

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Wolfe, Spencer; Pisano, D.; Lockman, F. J.; McGaugh, S.; Shaya, E.

Status
Presented

Year
2012

Output Title
Enhancing the Picture of Star Formation in Local Galaxies with the Green Bank Telescope

Title of Journal
AAS Meeting #218

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Rabidoux, Katherine; Johnson, K.; Kepley, A.; Pisano, D. J.; Balser, D.

Status
Presented

Year
2011

Output Title
Probing Thermal Gas Conditions in Extragalactic Star-forming Regions Using Radio Recombination Lines

Title of Journal
AAS Meeting #217

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Kepley, Amanda A.; Chomiuk, L.; Balser, D.; Johnson, K.; Goss, M.; Pisano, D.

Status
Presented

Year
2011

Output Title
A Survey for 21cm HI Emission in the Loose Group Lgg140

Title of Journal
AAS Meeting #215

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Ludovici, Dominic; Pisano, D. J.

Status
Presented

Year
2010

Output Title
HI Emission From Gravitationally Lensed Galaxies at z 0.4-0.5

Title of Journal
AAS Meeting #215

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Edel, Stanislav; Pisano, D. J.

Status
Presented

Year
2010

Output Title
How do galaxies accrete gas and form stars?

Proceeding Title
Astro2010: The Astronomy and Astrophysics Decadal Survey, Science White Papers

Authors
Putman, M. E.; Henning, P.; Bolatto, A.; Keres, D.; Pisano, D. J.; Rosenberg, J.; Bigiel, F.; Bryan, G.; Calzetti, D.; Carilli, C.; Charlton, J.; Chen, H. -W.; Darling, J.; Gibson, S.; Gnedin, N.; Gnedin, O.; Heitsch, F.; Hunter, D.; Kannappan, S.; Krumholz, M.; Lazarian, A.; Lasio, J.; Leroy, A.; Lockman, F. J.; Mac Low, M.; Maller, A.; Meurer, G.; O'Neil, K.; Ostriker, J.; Peek, J. E. G.; Prochaska, J. X.; Rand, R.; Robertson, B.; Schiminovich, D.; Simon, J.; Stanimirovic, S.; Thilker, D.; Thom, C.; Tinker, J.; Wakker, B.; Weiner, B.; van der Hulst, J. M.; Wolfe, A.; Wong, O. I.; Young, L.

Status
Published/produced

Year
2009

Output Title
Presenting the Parkes Galactic All-Sky Survey of Southern HI

Title of Journal
AAS Meeting #213

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Pisano, Daniel J.; McClure-Griffiths, N.; Calabretta, M. R.; Staveley-Smith, L.; Ford, H. A.; Kalberla, P. M. W.; Lockman, F. J.; Janowiecki, S.; GASS Team

Status
Presented

Year
2009

Output Title
A K-band spectroscopic focal plane array for the Robert C. Byrd Green Bank radio telescope

Proceeding Title
Union Radio Scientifique Internationale XXIX General Assembly

Authors
Morgan, Matthew; White, Steve; Lockman, Jay; Bryerton, Eric; Saini, Kamaljeet; Norrod, Rorger; Simon, Bob; Srikanth, Sivasankaran; Anderson, Gary; Pisano, Daniel

Status
Presented

Year
2008

Output Title
Research Experience for Teachers at NRAO-Green Bank: Identifying Extended Regions of Neutral Hydrogen Surrounding Isolated Galaxies

Title of Journal
AAS Meeting #211

Proceeding Title
Bulletin of the American Astronomical Society

Authors
McCarty, Amy; Pisano, D. J., III; Maddalena, R. J.

Status
Presented

Year
2007

Page From
735

Output Title
Constraints on the Evolution of Luminous Compact Blue Galaxies from HI Observations

Title of Journal
AAS Meeting #211

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Pisano, Daniel J.; Garland, C.; Guzman, R.; Perez-Gallego, J.; Castander, F.; Gruel, N.

Status
Presented

Year
2007

Page From
993

Output Title
3D Optical and Radio Spectroscopy of Nearby LCBGs: NGC 7673, A Case Study

Title of Journal
AAS Meeting #211

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Garland, Catherine A.; Perez-Gallego, J.; Castillo-Morales, A.; Pisano, D.; Guzman, R.; Gallego, J.; Castander, F.; Gruel, N.; Munoz, J.; Zamorano, J.

Status
Presented

Year
2007

Page From
993

Output Title
A Radio Search for Natal Star Clusters in Nearby Star-Forming Galaxies

Title of Journal
AAS Meeting #211

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Aversa, Alan; Johnson, K. E.; Brogan, C. L.; Goss, M.; Pisano, D. J.

Status
Presented

Year
2007

Page From
837

Output Title
FIR Emissivity of Selected Regions of the Magellanic Stream

Title of Journal
AAS Meeting #211

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Brunner, Sophia; Janowieki, S.; Pisano, D. J.; Lockman, F. J.

Status
Presented

Year
2007

Page From
762

Output Title
The GASS HI Survey And FIR Emission From The Magellanic Stream

Title of Journal
AAS Meeting #211

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Janowiecki, Steven; Brunner, S.; Pisano, D. J.; Lockman, F. J.; McClure-Griffiths, N.; Ford, A.; Staveley-Smith, L.; Calabretta, M. R.; Murphy, T.; Kalberla, P. M. W.; Nakanishi, H.

Status
Presented

Year
2007

Page From
762

Output Title
Anomalous HI in NGC 2997 and the Search for High Velocity Cloud Analogs

Title of Journal
AAS Meeting #211

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Hess, Kelley M.; Pisano, D.; Wilcots, E.; Chengalur, J. N.

Status
Presented

Year
2007

Page From
756

Output Title
Searching for High Velocity Cloud analogs around NGC 2997

Title of Journal
American Astronomical Society Meeting 208

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Hess, Kelley M.; Wilcots, E.; Pisano, D. J.

Status
Presented

Year
2006

Page From
127

Output Title

Searching for the High-Velocity Clouds in Local Group Analogs

Title of Journal

American Astronomical Society Meeting 207

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Pisano, D. J.; Barnes, D. G.; Gibson, B. K.; Staveley-Smith, L.; Freeman, K. C.; Kilborn, V. A.

Status
Presented

Year
2005

Page From
1455

Output Title

H I maps of Local Luminous Compact Blue Galaxies

Title of Journal

American Astronomical Society Meeting 207

Proceeding Title

Bulletin of the American Astronomical Society,

Authors

Garland, C. A.; Pisano, D. J.; Williams, J. P.; Guzman, R.; Castander, F. J.

Status
Presented

Year
2005

Page From
1385

Output Title

What the Gaseous Properties of Galaxies in Loose Groups tell us about their Formation

Title of Journal

American Astronomical Society Meeting 206

Proceeding Title

Bulletin of the American Astronomical Society

Authors

Pisano, D. J.; Barnes, D. G.; Gibson, B. K.; Staveley-Smith, L.; Freeman, K. C.; Kilborn, V. A.

Status
Presented

Year
2005

Page From
458

Output Title
Galaxy Formation in Loose Groups

Title of Journal
American Astronomical Society Meeting 203

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Pisano, D. J.; Barnes, D. G.; Gibson, B. K.; Staveley-Smith, L.; Freeman, K. C.

Status
Presented

Year
2003

Page From
1252

Output Title
The Neutral Interstellar Medium in Nearby Luminous Compact Blue Galaxies

Title of Journal
American Astronomical Society Meeting 203

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Garland, C. A.; Williams, J. P.; Pisano, D. J.; Guzmán, R.; Castander, F. J.

Status
Presented

Year
2003

Page From
1317

Output Title
H I Content of Loose Groups of Galaxies

Title of Journal
201st AAS Meeting

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Freeland, E. E.; Wilcots, E. M.; Pisano, D. J.

Status
Presented

Year
2002

Page From
1168

Output Title
Searching for Embedded Super Star Clusters in IC4662, NGC1705, and NGC5398

Title of Journal
201st AAS Meeting

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Johnson, K. E.; Indebetouw, R.; Pisano, D. J.

Status
Presented

Year
2002

Page From
1238

Output Title
A VLA and FUSE study of the multi-phase intragroup medium of 2 loose groups of galaxies.

Title of Journal
199th AAS Meeting

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Pisano, D. J.; Fabian, D.; Wakker, B. P.; Wilcots, E. M.

Status
Presented

Year
2001

Page From
1337

Output Title
Gaseous Remnants Around Isolated Field Galaxies

Title of Journal
199th AAS Meeting

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Liu, C. T.; Pisano, D. J.; Wilcots, E. M.

Status
Presented

Year
2001

Page From
1383

Output Title
Assessing the state of galaxy assembly

Title of Journal
197th AAS Meeting

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Pisano, D. J.; Wilcots, E. M.

Status
Presented

Year
2000

Page From
1570

Output Title
Detection of 130 "Diffuse" Galactic HII Regions

Title of Journal
188th AAS Meeting

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Pisano, D. J.; Lockman, F. J.; Howard, G. J.

Status
Presented

Year
1996

Page From
887

Output Title
The Emissivity of N2 Ice: Hapke Theory

Title of Journal
DPS Meeting #26

Proceeding Title
Bulletin of the American Astronomical Society

Authors
Pisano, D. J.; Stansberry, J. A.; Spencer, J. R.

Status
Presented

Year
1994

Page From
1177

Products

Authors
N/A

Description
N/A

Status
Not relevant

Prototypes

Authors
N/A

Description
N/A

Status
Not relevant

Refereed/Peer-reviewed Conference Outputs

Output Title
The Baryonic Tully-Fisher Relation for Galaxies with Supernova Distances

Title of Journal
American Astronomical Society Meeting Abstracts

Authors
Kudla, Katherine, Perkins, Haille, Bell, Cian, Volk, Nicholas, Gomez Barrientos, Jonathan, Letai, Jonathan, Ribaudo, Joseph, O'Donoghue, Aileen, Haynes, Martha, Sukow, David, Troischt, Parker, Koopmann, Rebecca, Ball, Catherine, Pisano, D.~J., Cannon, John, Rabidoux, Katherine, Leisman, Lukas, Jones, Michael, Balonek, Thomas, Undergraduate Alfalfa Team

Status
Published/produced

Year
2022

Output Title
A new HI map of the inner circumgalactic medium of M31

Title of Journal
American Astronomical Society Meeting Abstracts

Authors
Palencia-Torres, Kelby, Pisano, D.~J., Lockman, Felix, Howk, J., Lehner, Nicolas, Jarrett, Thomas

Status
Published/produced

Year
2022

Output Title
The Baryonic Tully-Fisher Relation for Galaxies with Supernova Distances

Title of Journal
American Astronomical Society Meeting Abstracts

Authors

Kudla, Katherine, Perkins, Haille, Bell, Cian, Volk, Nicholas, Gomez Barrientos, Jonathan, Letai, Jonathan, Ribaud, Joseph, O'Donoghue, Aileen, Haynes, Martha, Sukow, David, Troischt, Parker, Koopmann, Rebecca, Ball, Catherine, Pisano, D.~J., Cannon, John, Rabidoux, Katherine, Leisman, Lukas, Jones, Michael, Balonek, Thomas, Undergraduate Alfalfa Team

Status

Published/produced

Year

2022

Output Title

Neutral Hydrogen Stacking and the Large-Scale Structure of the Universe Using CHILES

Title of Journal

American Astronomical Society Meeting Abstracts

Authors

Luber, Nicholas, Pisano, Daniel, Blue Bird, Julia, Van Gorkom, Jacqueline

Status

Published/produced

Year

2022

Output Title

Evolution of Neutral Hydrogen Properties of Galaxies Over One-Third the Age of the Universe With CHILES

Title of Journal

American Astronomical Society Meeting Abstracts

Authors

Blue Bird, Julia, Luber, Nicholas, Van Gorkom, Jacqueline, Pisano, Daniel

Status

Published/produced

Year

2022

Output Title

A new HI map of the inner circumgalactic medium of M31

Title of Journal

American Astronomical Society Meeting Abstracts

Authors

Palencia-Torres, Kelby, Pisano, D.~J., Lockman, Felix, Howk, J., Lehner, Nicolas, Jarrett, Thomas

Status

Published/produced

Year

2022

Output Title

Evolution of Neutral Hydrogen Properties of Galaxies Over One-Third the Age of the Universe With CHILES

Title of Journal

American Astronomical Society Meeting Abstracts

Authors

Blue Bird, Julia, Luber, Nicholas, Van Gorkom, Jacqueline, Pisano, Daniel

Status Published/produced	Year 2022
Output Title Neutral Hydrogen Stacking and the Large-Scale Structure of the Universe Using CHILES	
Title of Journal American Astronomical Society Meeting Abstracts	
Authors Luber, Nicholas, Pisano, Daniel, Blue Bird, Julia, Van Gorkom, Jacqueline	
Status Published/produced	Year 2022
Output Title Extremely Deep HI Observations Throughout the Virial Volume of Nearby IMAGINE Galaxies	
Title of Journal American Astronomical Society Meeting Abstracts #235	
Status Published/produced	Year 2020
Output Title Global star formation properties of local luminous compact blue galaxies from radio continuum and infrared data	
Title of Journal American Astronomical Society Meeting Abstracts #236	
Status Published/produced	Year 2020
Output Title Extremely Deep HI Observations Throughout the Virial Volume of Nearby IMAGINE Galaxies	
Title of Journal American Astronomical Society Meeting Abstracts #235	
Authors Sardone, A., Pisano, D., Popping, A., Rhee, J., Staveley-Smith, L., Kleiner, D.	
Status Published/produced	Year 2020
Output Title Project AMIGA: Identifying the Circumgalactic Gas Associated with Andromeda and its Dwarf Satellites	
Title of Journal American Astronomical Society Meeting Abstracts #235	

Authors

Berek, S., Lehner, N., Howk, J., Wakker, B., Jenkins, E., Prochaska, J., Barger, K., Bordoloi, R., Brown, T., French, D., Guhathakurta, P., Lockman, F., O'Meara, J., Peebles, M., Pisano, D., Ribaud, J.

Status
Published/produced

Year
2020

Output Title

Project AMIGA: Extent and Distribution of the Circumgalactic Medium of Andromeda

Title of Journal

American Astronomical Society Meeting Abstracts #235

Status
Published/produced

Year
2020

Output Title

Global star formation properties of local luminous compact blue galaxies from radio continuum and infrared data

Title of Journal

American Astronomical Society Meeting Abstracts #236

Status
Published/produced

Year
2020

Output Title

Global star formation properties of local luminous compact blue galaxies from radio continuum and infrared data

Title of Journal

American Astronomical Society Meeting Abstracts #236

Authors

Rabidoux, K., Pisano, D., J., Garl, , C., A.

Status
Published/produced

Year
2020

Output Title

Project AMIGA: Extent and Distribution of the Circumgalactic Medium of Andromeda

Title of Journal

American Astronomical Society Meeting Abstracts #235

Authors

Lehner, N., Berek, S., Howk, J., Wakker, B., Jenkins, E., Prochaska, J., Barger, K., Bordoloi, R., Brown, T., French, D., Guhathakurta, P., Lockman, F., O'Meara, J., Peebles, M., Pisano, D., Ribaud, J.

Status
Published/produced

Year
2020

Output Title

Global star formation properties of local luminous compact blue galaxies from radio continuum and infrared data

Title of Journal

American Astronomical Society Meeting Abstracts #236

Authors

Rabidoux, K., Pisano, D.~J., Garl, , C.~A.

Status

Published/produced

Year

2020

Output Title

Project AMIGA: Identifying the Circumgalactic Gas Associated with Andromeda and its Dwarf Satellites

Title of Journal

American Astronomical Society Meeting Abstracts #235

Status

Published/produced

Year

2020

Output Title

Arecibo Observatory in the Next Decade

Title of Journal

Bulletin of the American Astronomical Society

Status

Published/produced

Year

2019

Output Title

Resolved observations of neutral hydrogen in nine $z \sim 0$ luminous compact blue galaxies

Title of Journal

American Astronomical Society Meeting Abstracts #234

Authors

Rabidoux, Katie, Pisano, Daniel J., Garl, , Catherine A., Guzman, Rafael, Cast, er, Francisco Javier

Status

Published/produced

Year

2019

Output Title

Resolved observations of neutral hydrogen in nine $z \sim 0$ luminous compact blue galaxies

Title of Journal

American Astronomical Society Meeting Abstracts #234

Status

Published/produced

Year

2019

Output Title

Arecibo Observatory in the Next Decade

Title of Journal
Bulletin of the American Astronomical Society

Authors

Roshi, Anish, Anderson, L.~D., Araya, E., Balser, D., Briske, W., Brum, C., Campbell, D., Chatterjee, S., Churchwell, E., Condon, J., Cordes, J., Cordova, F., Fernandez, Y., Gago, J., Ghosh, T., Goldsmith, P.~F., Heiles, C., Hickson, D., Jeffs, B., Jones, K.~M., Lautenbach, J., Lewis, B.~M., Lynch, R.~S., Manoharan, P.~K., Marshall, S., Minchin, R., Palliyaguru, N.~T., Perera, B.~B.~P., Perillat, P., Pinilla-Alonso, N., Pisano, D.~J., Quintero, L., Raizada, S., Ransom, S.~M., Fernandez-Rodriguez, F.~O., Salter, C.~J., Santos, P., Sulzer, M., Taylor, P.~A., Venditti, F.~C.~F., Venkataraman, A., Virkki, A.~K., Wolszczan, A., Womack, M., Zambrano-Marin, L.~F.

Status
Published/produced

Year
2019

Contribution Title
Commissioning of FLAG: A phased array feed for the GBT

Proceeding Title
Pulsar Astrophysics the Next Fifty Years

Authors

Rajwade, K. M.; Pingel, N. M.; Black, R. A.; Ruzindana, M.; Burnett, M.; Jeffs, B.; Warnick, K.; Pisano, D. J.; Lorimer, D. R.; Prestage, R. M.; Hawkins, L.; Ray, J.; Marganian, P.; Chamberlin, T.; Ford, J.; Shillue, W.; Roshi, D. A.

Status
Published/produced

Year
2018

Page From
398

Page To
399

Output Title
The Latest Results from the Focal L-Band Array for the Green Bank Telescope (FLAG), the World's Most Sensitive Phased Array Feed

Title of Journal
2018 2nd URSI Atlantic Radio Science Meeting, AT-RASC 2018

Authors
Pingel, N.M., Pisano, D.J.

Status
Published/produced

Year
2018

DOI
10.23919/URSI-AT-RASC.2018.8471298

Output Title
The Latest Results from the Focal L-Band Array for the Green Bank Telescope (FLAG), the World's (Current) Most Sensitive Phased Array Feed

Title of Journal
American Astronomical Society Meeting Abstracts #231

Authors
Pingel, Nickolas, Pisano, D.~J.

Status Published/produced	Year 2018
Output Title Neutral Atomic Hydrogen in the Local Universe	
Title of Journal Science with a Next Generation Very Large Array	
Authors Pisano, D., Walter, F., Stanimirovic, S., Murphy, Eric	
Status Published/produced	Year 2018
Output Title What drives the evolution of Luminous Compact Blue Galaxies in Clusters vs. the Field?	
Title of Journal American Astronomical Society Meeting Abstracts #232	
Authors Wirth, Gregory D., Bershad, Matthew A., Crawford, Steven M., Hunt, Lucas, Pisano, Daniel J., R, riamamp, ry, Solohery M.	
Status Published/produced	Year 2018
Output Title The Evolution of Luminous Compact Blue Galaxies in the COSMOS Field	
Title of Journal American Astronomical Society Meeting Abstracts #231	
Authors Hunt, Lucas, Pisano, D.~J., Bershad, Matthew, Crawford, Steve	
Status Published/produced	Year 2018
Output Title Commissioning observations with the focal L-band Array on the Green Bank Telescope (FLAG)	
Title of Journal IET Conference Publications	
Authors Warnick, K.F., Ruzindana, M., Jeffs, B.D., Black, R.A., Burnett, M., Pisano, D.J., Lorimer, D.R., Pingel, N., Rajwade, K., Prestage, R.M., White, S., Simon, B., Hawkins, L., Shillue, W., Roshi, D.A.	
Status Published/produced	Year 2018
DOI 10.1049/cp.2018.0911	

Output Title
Uncovering the hidden iceberg structure of the Galactic halo

Title of Journal
American Astronomical Society Meeting Abstracts #231

Authors
Moss, Vanessa A., Di Teodoro, Enrico M., McClure-Griffiths, Naomi M., Lockman, Felix, Pisano, D.~J., Price, Daniel, Rees, Glen

Status
Published/produced

Year
2018

Output Title
Commissioning of FLAG: A phased array feed for the GBT

Title of Journal
Pulsar Astrophysics the Next Fifty Years

Status
Published/produced

Year
2018

DOI
10.1017/S1743921317009012

Contribution Title
Commissioning of FLAG: A phased array feed for the GBT

Proceeding Title
Pulsar Astrophysics the Next Fifty Years

Authors
Rajwade, K. M.; Pingel, N. M.; Black, R. A.; Ruzindana, M.; Burnett, M.; Jeffs, B.; Warnick, K.; Pisano, D. J.; Lorimer, D. R.; Prestage, R. M.; Hawkins, L.; Ray, J.; Marganian, P.; Chamberlin, T.; Ford, J.; Shillue, W.; Roshi, D. A.

Status
Published/produced

Year
2018

Page From
398

Page To
399

Output Title
Large Scale Structure in CHILES using DisPerSE

Title of Journal
American Astronomical Society Meeting Abstracts #231

Authors
Luber, Nicholas Matthew, van Gorkom, Jacqueline, Hess, Kelley, Pisano, D.~J., Fernandez, Ximena, Momjian, Emmanuel

Status
Published/produced

Year
2018

Output Title
Neutral Atomic Hydrogen in the Local Universe

Title of Journal
Science with a Next Generation Very Large Array

Status
Published/produced

Year
2018

Output Title
What drives the evolution of Luminous Compact Blue Galaxies in Clusters vs. the Field?

Title of Journal
American Astronomical Society Meeting Abstracts #232

Status
Published/produced

Year
2018

Output Title
Large Scale Structure in CHILES using DisPerSE

Title of Journal
American Astronomical Society Meeting Abstracts #231

Status
Published/produced

Year
2018

Output Title
The Latest Results from the Focal L-Band Array for the Green Bank Telescope (FLAG), the World's (Current) Most Sensitive Phased Array Feed

Title of Journal
American Astronomical Society Meeting Abstracts #231

Status
Published/produced

Year
2018

Output Title
Uncovering the hidden iceberg structure of the Galactic halo

Title of Journal
American Astronomical Society Meeting Abstracts #231

Status
Published/produced

Year
2018

Output Title
The Evolution of Luminous Compact Blue Galaxies in the COSMOS Field

Title of Journal
American Astronomical Society Meeting Abstracts #231

Status
Published/produced

Year
2018

Output Title
Commissioning of FLAG: A phased array feed for the GBT

Title of Journal
Pulsar Astrophysics the Next Fifty Years

Status
Published/produced

Year
2018

DOI
10.1017/S1743921317009012

Output Title
Using the Greenbank Telescope with Gravitational Lensing and the VLA to search for HI Beyond $z=0.25$

Title of Journal
American Astronomical Society Meeting Abstracts #229

Status
Published/produced

Year
2017

Output Title
Mapping Diffuse HI Content in MHONGOOSE Galaxies NGC 1744 and NGC 7424

Title of Journal
American Astronomical Society Meeting Abstracts #229

Status
Published/produced

Year
2017

Output Title
The NSF Undergraduate ALFALFA Team: Partnering with Arecibo Observatory to Offer Undergraduate and Faculty Extragalactic Radio Astronomy Research Opportunities

Title of Journal
American Astronomical Society Meeting Abstracts #229

Status
Published/produced

Year
2017

Output Title
LADUMA: looking at the distant universe with the MeerKAT array

Title of Journal
Proceedings of Science

Authors

Blyth, S.-L., Baker, A.J., Holwerda, B.W., Bassett, B.A., Bershady, M.A., Bouchard, A., Briggs, F.H., Catinella, B., Chemin, L., Crawford, S.M., Cress, C.M., Cunname, D., Darling, J.K., Davé, R., Deane, R.P., de Blok, W.J.G., Elson, E.C., Faltenbacher, A., February, S., Fernández, X., Frank, B.S., Gawiser, E., Henning, P.A., Hess, K.M., Heywood, I., Hughes, J.P., Jarvis, M.J., Kannappan, S.J., Katz, N.S., Kereš, D., Klöckner, H.-R., Kraan-Korteweg, R.C., Lah, P., Lehnert, M.D., Leroy, A.K., Lochner, M., Maddox, N., Makhathini, S., Meurer, G.R., Meyer, M.J., Moodley, K., Morganti, R., Obreschkow, D., Oh, S.-H., Oosterloo, T.A., Pisano, D.J., Popping, A., Popping, G., Ravindranath, S., Schinnerer, E., Schröder, A.C., Sheth, K., Skelton, R., Smirnov, O.M., Smith, M., Somerville, R.S., Srianand, R., Staveley-Smith, L., Stewart, I.M., Vaccari, M., Väisänen, P., van der Heyden, K.J., van Driel, W., Verheijen, M.A.W., Walter, F., Wilcots, E.M., Williams, T.B., Woudt, P.A., Wu, J.F., Zwaan, M.A., Zwart, J.T.L., Rawlings, S.

Status

Published/produced

Year

2016

Contribution Title

FAST Mapping of Diffuse HI Gas in the Local Universe

Proceeding Title

Frontiers in Radio Astronomy and FAST Early Sciences Symposium 2015

Authors

Zhu, M.; Pisano, D. J.; Ai, M.; Jiao, Q.

Status

Published/produced

Year

2016

Page From

49

Output Title

an overview of the MHONGOOSE survey: Observing nearby galaxies with MeerKAT

Title of Journal

Proceedings of Science

Authors

de Blok, W.J.G., Adams, E.A.K., Amram, P., Athanassoula, E., Bagetakos, I., Balkowski, C., Bershady, M.A., Beswick, R., Bigiel, F., Blyth, S.-L., Bosma, A., Booth, R.S., Bouchard, A., Brinks, E., Carignan, C., Chemin, L., Combes, F., Conway, J., Elson, E.C., English, J., Epinat, B., Frank, B.S., Fiege, J., Fraternali, F., Gallagher, J.S., Gibson, B.K., Heald, G., Henning, P.A., Holwerda, B.W., Jarrett, T.H., Jerjen, H., Józsa, G.I., Kapala, M., Klöckner, H.-R., Koribalski, B.S., Kraan-Korteweg, R.C., Leon, S., Leroy, A., Loubser, S.I., Lucero, D.M., McGaugh, S.S., Meurer, G.R., Meyer, M., Mogotsi, M., Namumba, B., Oh, S.-H., Oosterloo, T.A., Pisano, D.J., Popping, A., Ratcliffe, S., Sellwood, J.A., Schinnerer, E., Schröder, A.C., Sheth, K., Smith, M.W.L., Sorgho, A., Spekkens, K., Stanimirovic, S., van der Heyden, K., van Driel, W., Verdes-Montenegro, L., Walter, F., Westmeier, T., Wilcots, E., Williams, T., Wong, O.I., Woudt, P.A., Zijlstra, A.

Status

Published/produced

Year

2016

Contribution Title

FAST Mapping of Diffuse HI Gas in the Local Universe

Proceeding Title

Frontiers in Radio Astronomy and FAST Early Sciences Symposium 2015

Authors
Zhu, M.; Pisano, D. J.; Ai, M.; Jiao, Q.

Status
Published/produced

Year
2016

Page From
49

Output Title
LADUMA: Looking at the Distant Universe with the MeerKAT Array

Title of Journal
MeerKAT Science: On the Pathway to the SKA

Status
Published/produced

Year
2016

Output Title
The RESOLVE Survey Atomic Gas Census and Environmental Influences on Galaxy Gas Content

Title of Journal
American Astronomical Society Meeting Abstracts #227

Status
Published/produced

Year
2016

Output Title
An Overview of the MHONGOOSE Survey: Observing Nearby Galaxies with MeerKAT

Title of Journal
MeerKAT Science: On the Pathway to the SKA

Status
Published/produced

Year
2016

Output Title
Exploring the Origin of HI Profile Asymmetries in the RESOLVE Survey

Title of Journal
American Astronomical Society Meeting Abstracts #227

Status
Published/produced

Year
2016

Output Title
FAST Mapping of Diffuse HI Gas in the Local Universe

Title of Journal
Frontiers in Radio Astronomy and FAST Early Sciences Symposium 2015

Status
Published/produced

Year
2016

Output Title
The Extended Disk of NGC 404

Title of Journal
American Astronomical Society Meeting Abstracts #227

Status
Published/produced

Year
2016

Output Title
FAST Mapping of Diffuse HI Gas in the Local Universe

Title of Journal
Frontiers in Radio Astronomy and FAST Early Sciences Symposium 2015

Status
Published/produced

Year
2016

Output Title
an overview of the MHONGOOSE survey: Observing nearby galaxies with MeerKAT

Title of Journal
Proceedings of Science

Authors

de Blok, W.J.G., Adams, E.A.K., Amram, P., Athanassoula, E., Bagetakos, I., Balkowski, C., Bershady, M.A., Beswick, R., Bigiel, F., Blyth, S.-L., Bosma, A., Booth, R.S., Bouchard, A., Brinks, E., Carignan, C., Chemin, L., Combes, F., Conway, J., Elson, E.C., English, J., Epinat, B., Frank, B.S., Fiege, J., Fraternali, F., Gallagher, J.S., Gibson, B.K., Heald, G., Henning, P.A., Holwerda, B.W., Jarrett, T.H., Jerjen, H., Józsa, G.I., Kapala, M., Klöckner, H.-R., Koribalski, B.S., Kraan-Korteweg, R.C., Leon, S., Leroy, A., Loubser, S.I., Lucero, D.M., McGaugh, S.S., Meurer, G.R., Meyer, M., Mogotsi, M., Namumba, B., Oh, S.-H., Oosterloo, T.A., Pisano, D.J., Popping, A., Ratcliffe, S., Sellwood, J.A., Schinnerer, E., Schröder, A.C., Sheth, K., Smith, M.W.L., Sorgho, A., Spekkens, K., Stanimirovic, S., van der Heyden, K., van Driel, W., Verdes-Montenegro, L., Walter, F., Westmeier, T., Wilcots, E., Williams, T., Wong, O.I., Woudt, P.A., Zijlstra, A.

Status
Published/produced

Year
2016

Output Title
LADUMA: looking at the distant universe with the MeerKAT array

Title of Journal
Proceedings of Science

Authors

Blyth, S.-L., Baker, A.J., Holwerda, B.W., Bassett, B.A., Bershady, M.A., Bouchard, A., Briggs, F.H., Catinella, B., Chemin, L., Crawford, S.M., Cress, C.M., Cunname, D., Darling, J.K., Davé, R., Deane, R.P., de Blok, W.J.G., Elson, E.C., Faltenbacher, A., February, S., Fernández, X., Frank, B.S., Gawiser, E., Henning, P.A., Hess, K.M., Heywood, I., Hughes, J.P., Jarvis, M.J., Kannappan, S.J., Katz, N.S., Kereš, D., Klöckner, H.-R., Kraan-Korteweg, R.C., Lah, P., Lehnert, M.D., Leroy, A.K., Lochner, M., Maddox, N., Makhathini, S., Meurer, G.R., Meyer, M.J., Moodley, K., Morganti, R., Obreschkow, D., Oh, S.-H., Oosterloo, T.A., Pisano, D.J., Popping, A., Popping, G., Ravindranath, S., Schinnerer, E., Schröder, A.C., Sheth, K., Skelton, R., Smirnov, O.M., Smith, M., Somerville, R.S., Srianand, R., Staveley-Smith, L., Stewart, I.M., Vaccari, M., Väisänen, P., van der Heyden, K.J., van Driel, W., Verheijen, M.A.W., Walter, F., Wilcots, E.M., Williams, T.B., Woudt, P.A., Wu, J.F., Zwaan, M.A., Zwart, J.T.L., Rawlings, S.

Status Published/produced	Year 2016
Output Title Observations of the Intergalactic Medium and the Cosmic Web in the SKA era	
Title of Journal Advancing Astrophysics with the Square Kilometre Array (AASKA14)	
Status Published/produced	Year 2015
Output Title Searching for HI at $N_{\text{HI}} \sim 0.5 \times 10^{17} \text{ cm}^{-2}$ around nearby galaxies.	
Title of Journal American Astronomical Society Meeting Abstracts #225	
Status Published/produced	Year 2015
Output Title Revisiting the SNR Content of NGC 6946 with Deep WIYN Images	
Title of Journal American Astronomical Society Meeting Abstracts #225	
Status Published/produced	Year 2015
Output Title The Influence of Local and Large-Scale Environment on Galaxy Gas Reservoirs in the RESOLVE Survey	
Title of Journal American Astronomical Society Meeting Abstracts #225	
Status Published/produced	Year 2015
Output Title Observations of the Intergalactic Medium and the Cosmic Web in the SKA era	
Title of Journal Advancing Astrophysics with the Square Kilometre Array (AASKA14)	
Status Published/produced	Year 2015
Output Title Searching for HI at $N_{\text{HI}} \sim 0.5 \times 10^{17} \text{ cm}^{-2}$ around nearby galaxies.	
Title of Journal American Astronomical Society Meeting Abstracts #225	

Status
Published/produced

Year
2015

Output Title
Evolution of local luminous compact blue galaxies

Title of Journal
American Astronomical Society Meeting Abstracts #225

Status
Published/produced

Year
2015

Output Title
A GBT HI Survey of the HALOGAS Galaxies

Title of Journal
American Astronomical Society Meeting Abstracts #223

Status
Published/produced

Year
2014

Output Title
Probing star formation in local luminous compact blue galaxies

Title of Journal
American Astronomical Society Meeting Abstracts #223

Status
Published/produced

Year
2014

Output Title
Clouds of neutral hydrogen between M31 and M33 and around the Milky Way

Title of Journal
American Astronomical Society Meeting Abstracts #223

Status
Published/produced

Year
2014

Output Title
Tracing the flow of gas onto galaxies with the Green Bank Telescope

Title of Journal
American Astronomical Society Meeting Abstracts #223

Status
Published/produced

Year
2014

Output Title
Observations of the intergalactic medium and the cosmic web in the SKA era

Title of Journal
Proceedings of Science

Authors

Popping, A., Meyer, M., Staveley-Smith, L., Obreschkow, D., Józsa, G.I., Pisano, D.J.

Status

Published/produced

Year

2014

Contribution Title

2D kinematical study in local luminous compact blue galaxies. Starburst origin in UCM2325+2318

Proceeding Title

Highlights of Spanish Astrophysics VII, Proceedings of the X Scientific Meeting of the Spanish Astronomical Society (SEA)

Authors

Castillo-Morales, A.; Pérez-Gallego, J.; Gallego, J.; Guzmán, R.; Castander, F.; Garland, C.; Gruel, N.;
Pisano, D. J.; Muñoz-Mateos, J. C.; Ocaña, F.; Zamorano, J.

Status

Published/produced

Year

2013

Page From

434

Page To

434

Output Title

2D kinematical study in local luminous compact blue galaxies. Starburst origin in UCM2325+2318

Title of Journal

Highlights of Spanish Astrophysics VII

Status

Published/produced

Year

2013

Output Title

Measuring the Obscured Ionized Gas in the Center of the Nearby Face-on Spiral IC 342 with the GBT and EVLA

Title of Journal

American Astronomical Society Meeting Abstracts #221

Status

Published/produced

Year

2013

Output Title

Massive Star Formation in Extreme Galaxies Using Radio Recombination Lines

Title of Journal

American Astronomical Society Meeting Abstracts #219

Status

Published/produced

Year

2012

Output Title

Ionospheric rocket payload development: Project and course

Title of Journal
ASSEE Annual Conference and Exposition, Conference Proceedings

Authors
Vassiliadis, D., Pisano, D.J., Gu, Y.

Status
Published/produced

Year
2012

Output Title
The Fine Structure in the Low Column Density HI Bridge between M31 and M33

Title of Journal
American Astronomical Society Meeting Abstracts #220

Status
Published/produced

Year
2012

Output Title
The Evolution of Luminous Compact Blue Galaxies: Disks or Spheroids?

Title of Journal
Tracing the Ancestry of Galaxies

Status
Published/produced

Year
2011

DOI
10.1017/S1743921311022964

Contribution Title
The Evolution of Luminous Compact Blue Galaxies: Disks or Spheroids?

Proceeding Title
Tracing the Ancestry of Galaxies (on the land of our ancestors)

Authors
Pisano, D. J.; Rabidoux, K.; Garland, C. A.; Guzmán, R.; Castander, F. J.; Pérez-Gallego, J.

Status
Published/produced

Year
2011

Page From
291

Page To
295

Country
Burkina Faso

Output Title
Probing Thermal Gas Conditions in Extragalactic Star-forming Regions Using Radio Recombination Lines

Title of Journal
American Astronomical Society Meeting Abstracts #217

Status
Published/produced

Year
2011

Output Title
Enhancing the Picture of Star Formation in Local Galaxies with the Green Bank Telescope

Title of Journal
American Astronomical Society Meeting Abstracts #218

Status
Published/produced

Year
2011

Output Title
The Evolution Of Luminous Compact Blue Galaxies: Spheroids Or Disks?

Title of Journal
American Astronomical Society Meeting Abstracts #215

Status
Published/produced

Year
2010

Contribution Title
The Evolution of Luminous Compact Blue Galaxies: Disks or Spheroids?

Proceeding Title
HUNTING FOR THE DARK: THE HIDDEN SIDE OF GALAXY FORMATION

Authors
Pisano, D. J.; Garland, C. A.; Rabidoux, Katie; Wolfe, Spencer; Guzmán, R.; Pérez-Gallego, J.; Castander, F. J.

Status
Published/produced

Year
2010

Page From
119

Page To
122

Country
Malta

Output Title
Post-Starburst Galaxies: Why Aren't They Forming Stars?

Title of Journal
Hunting for the Dark: the Hidden Side of Galaxy Formation

Status
Published/produced

Year
2010

DOI
10.1063/1.3458466

Output Title
The Evolution of Luminous Compact Blue Galaxies: Disks or Spheroids?

Title of Journal
Hunting for the Dark: the Hidden Side of Galaxy Formation

Status
Published/produced

Year
2010

DOI
10.1063/1.3458464

Output Title
HI Emission From Gravitationally Lensed Galaxies at z 0.4-0.5

Title of Journal
American Astronomical Society Meeting Abstracts #215

Status
Published/produced

Year
2010

Output Title
A Survey for 21cm HI Emission in the Loose Group Lgg140

Title of Journal
American Astronomical Society Meeting Abstracts #215

Status
Published/produced

Year
2010

Contribution Title
Post-Starburst Galaxies: Why Aren't They Forming Stars?

Proceeding Title
HUNTING FOR THE DARK: THE HIDDEN SIDE OF GALAXY FORMATION

Authors
de Rijcke, S.; Buyle, P.; Pisano, D. J.; Freeman, K.; Dejonghe, H.

Status
Published/produced

Year
2010

Page From
127

Page To
130

Country
Malta

Output Title
Presenting the Parkes Galactic All-Sky Survey of Southern HI

Title of Journal
American Astronomical Society Meeting Abstracts #213

Status
Published/produced

Year
2009

Output Title
How do galaxies accrete gas and form stars?

Title of Journal
astro2010: The Astronomy and Astrophysics Decadal Survey

Status
Published/produced

Year
2009

Output Title
A K-band spectroscopic focal plane array for the Robert C. Byrd Green Bank radio telescope

Title of Journal
Union Radio Scientifique Internationale XXIX General Assembly

Status
Published/produced

Year
2008

Contribution Title
The Robert C. Byrd Green Bank Telescope

Proceeding Title
THE EVOLUTION OF GALAXIES THROUGH THE NEUTRAL HYDROGEN WINDOW

Authors
O'Neil, K.; Pisano, D. J.

Status
Published/produced

Year
2008

Page From
279

Page To
285

Country
Puerto Rico

Output Title
What Are the Luminous Compact Blue Galaxies?

Title of Journal
Formation and Evolution of Galaxy Disks

Status
Published/produced

Year
2008

Contribution Title
What Are the Luminous Compact Blue Galaxies?

Proceeding Title
Formation and Evolution of Galaxy Disks

Authors
Pisano, D. J.; Garland, C. A.; Guzmán, R.; Pérez-Gallego, J.; Castander, F. J.; Gruel, N.

Status
Published/produced

Year
2008

Output Title
The Robert C. Byrd Green Bank Telescope

Title of Journal
The Evolution of Galaxies Through the Neutral Hydrogen Window

Status
Published/produced

Year
2008

DOI
10.1063/1.2973602

Output Title
FIR Emissivity of Selected Regions of the Magellanic Stream

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2007

Output Title
The GASS HI Survey And FIR Emission From The Magellanic Stream

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2007

Output Title
HI in Local Group Analogs: What does it Tell Us about Galaxy Formation?

Title of Journal
Groups of Galaxies in the Nearby Universe

Status
Published/produced

Year
2007

DOI
10.1007/978-3-540-71173-5_4

Output Title
3D Optical and Radio Spectroscopy of Nearby LCBGs: NGC 7673, A Case Study

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2007

Output Title

Research Experience for Teachers at NRAO-Green Bank: Identifying Extended Regions of Neutral Hydrogen Surrounding Isolated Galaxies

Title of Journal

American Astronomical Society Meeting Abstracts

Status

Published/produced

Year

2007

Output Title

Constraints on the Evolution of Luminous Compact Blue Galaxies from HI Observations

Title of Journal

American Astronomical Society Meeting Abstracts

Status

Published/produced

Year

2007

Output Title

Anomalous HI in NGC 2997 and the Search for High Velocity Cloud Analogs

Title of Journal

American Astronomical Society Meeting Abstracts

Status

Published/produced

Year

2007

Contribution Title

HI in Local Group Analogs: What does it Tell Us about Galaxy Formation?

Proceeding Title

Groups of Galaxies in the Nearby Universe

Authors

Pisano, D. J.; Barnes, D. G.; Gibson, B. K.; Staveley-Smith, L.; Freeman, K. C.; Kilborn, V. A.

Status

Published/produced

Year

2007

Page From

33

Country

Chile

Output Title

A Radio Search for Natal Star Clusters in Nearby Star-Forming Galaxies

Title of Journal

American Astronomical Society Meeting Abstracts

Status

Published/produced

Year

2007

Contribution Title

E+A Galaxies: Did They Lose The A to Become E?

Proceeding Title
Galaxy Evolution Across the Hubble Time

Authors
de Rijcke, Sven; Michielsen, D.; Buyle, P.; Pisano, D. J.; Dejonghe, H.; Freeman, K.

Status
Published/produced

Year
2007

Page From
200

Output Title
E+A Galaxies: Did They Lose The A to Become E?

Title of Journal
Galaxy Evolution across the Hubble Time

Status
Published/produced

Year
2007

DOI
10.1017/S1743921306006065

Output Title
Searching for High Velocity Cloud analogs around NGC 2997

Title of Journal
American Astronomical Society Meeting Abstracts #208

Status
Published/produced

Year
2006

Output Title
H I maps of Local Luminous Compact Blue Galaxies

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2005

Output Title
What the Gaseous Properties of Galaxies in Loose Groups tell us about their Formation

Title of Journal
American Astronomical Society Meeting Abstracts #206

Status
Published/produced

Year
2005

Contribution Title
Luminous compact blue galaxies in the local Universe: A key reference for high-redshift studies

Proceeding Title

Starbursts: From 30 Doradus to Lyman Break Galaxies, Held in Cambridge, UK, 6-10 September 2004

Authors

Pérez Gallego, J.; Guzmán, R.; Castander, F. J.; Garland, C. A.; Pisano, D. J.

Status

Published/produced

Year

2005

Page From

59

Output Title

Searching for the High-Velocity Clouds in Local Group Analogs

Title of Journal

American Astronomical Society Meeting Abstracts

Status

Published/produced

Year

2005

Output Title

Low Mass Dark Matter Halos in Loose Groups of Galaxies

Title of Journal

Baryons in Dark Matter Halos

Status

Published/produced

Year

2004

Output Title

The Neutral ISM in Nearby Luminous Compact Blue Galaxies

Title of Journal

The Dense Interstellar Medium in Galaxies

Status

Published/produced

Year

2004

DOI

10.1007/978-3-642-18902-9_25

Output Title

What do loose groups tell us about galaxy formation?

Title of Journal

Proceedings of Science

Authors

Pisano, D.J., Barnes, D., Gibson, B., Kilborn, V., Staveley-Smith, L., Freeman, K.

Status

Published/produced

Year

2004

Output Title
4th Cologne-Bonn-Zermatt Symposium

Contribution Title
The Neutral ISM in Nearby Luminous Compact Blue Galaxies

Proceeding Title
The Dense Interstellar Medium in Galaxies

Authors
Garland, C. A.; Pisano, D. J.; Williams, J. P.; Guzmán, R.; Castander, F. J.

Status
Published/produced

Year
2004

Page From
147

Country
Switzerland

Contribution Title
An HI Census of Loose Groups of Galaxies

Proceeding Title
Recycling intergalactic and interstellar matter

Authors
Pisano, D. J.; Barnes, D. G.; Gibson, B. K.; Staveley-Smith, L.; Freeman, K. C.

Status
Published/produced

Year
2004

Page From
20

Country
Australia

Output Title
Dark Matter in Galaxies

Title of Journal
Dark Matter in Galaxies

Status
Published/produced

Year
2004

Output Title
An HI Census of Loose Groups of Galaxies

Title of Journal
Recycling Intergalactic and Interstellar Matter

Status
Published/produced

Year
2004

Output Title
Galaxy Formation in Loose Groups

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2003

Output Title
The Neutral Interstellar Medium in Nearby Luminous Compact Blue Galaxies

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2003

Output Title
H I Content of Loose Groups of Galaxies

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2002

Output Title
Searching for Embedded Super Star Clusters in IC4662, NGC1705, and NGC5398

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2002

Contribution Title
Assessing the State of Galaxy Assembly

Proceeding Title
Galaxy Disks and Disk Galaxies

Authors
Pisano, D. J.; Wilcots, E. M.

Status
Published/produced

Year
2001

Page From
611

Page To
612

Country
Italy

Output Title
A VLA and FUSE study of the multi-phase intragroup medium of 2 loose groups of galaxies.

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2001

Output Title
Gaseous Remnants Around Isolated Field Galaxies

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2001

Output Title
HI properties of luminous blue compact galaxies in the local universe

Title of Journal
Highlights of Spanish astrophysics II

Status
Published/produced

Year
2001

Output Title
Assessing the State of Galaxy Formation

Title of Journal
Gas and Galaxy Evolution

Status
Published/produced

Year
2001

Output Title
Assessing the State of Galaxy Assembly

Title of Journal
Galaxy Disks and Disk Galaxies

Status
Published/produced

Year
2001

Contribution Title
Assessing the State of Galaxy Formation

Proceeding Title
Gas and Galaxy Evolution

Authors
Pisano, D. J.; Wilcots, E. M.

Status
Published/produced

Year
2001

Page From
501

Country
Mexico

Contribution Title
HI properties of luminous blue compact galaxies in the local universe

Proceeding Title
Highlights of Spanish astrophysics II, Proceedings of the 4th Scientific Meeting of the Spanish Astronomical Society (SEA)

Authors
Gallego, J.; Pisano, D. J.; Kobulnicky, H. A.; Guzmán, R.

Status
Published/produced

Year
2001

Page From
109

Country
Spain

Output Title
Assessing the state of galaxy assembly.

Title of Journal
American Astronomical Society Meeting Abstracts

Status
Published/produced

Year
2000

Output Title
Extended H I Environment of Isolated Galaxies

Title of Journal
Galaxy Dynamics - A Rutgers Symposium

Status
Published/produced

Year
1999

Contribution Title
Extended H I Environment of Isolated Galaxies

Proceeding Title
Galaxy Dynamics

Authors
Pisano, D. J.; Wilcots, Eric M.

Status
Published/produced

Year
1999

Page From
509

Country
USA

Output Title
Optical gamma-ray burst followup at Kitt Peak National Observatory

Title of Journal
Gamma-Ray Bursts, 4th Hunstville Symposium

Status
Published/produced

Year
1998

DOI
10.1063/1.55442

Contribution Title
Optical Gamma-Ray Burst Follow-up at Kitt Peak National Observatory

Proceeding Title
Fourth Huntsville gamma-ray burst symposium. AIP Conference Proceedings

Authors
Rhoads, James E.; von Hippel, Ted; Carney, Bruce; Claver, Charles F.; Code, Arthur D.; Cole, Andrew;
Conselice, Christopher; Dey, Arjun; Howk, Chris; Jacoby, George; Jannuzi, Buell; Lee, Jaewoo;
Orosz, Jerome A.; Pisano, Daniel J.; Sawyer, Dave; Sharp, Nigel; Smith, Paul

Status
Published/produced

Year
1998

Page From
548

Page To
551

Country
USA

Output Title
Detection of 130 ``Diffuse" Galactic HII Regions

Title of Journal
American Astronomical Society Meeting Abstracts #188

Status
Published/produced

Year
1996

Output Title
The Emissivity of N₂ Ice: Hapke Theory

Title of Journal
AAS/Division for Planetary Sciences Meeting Abstracts #26

Status
Published/produced

Year
1994

Technical/Policy Reports

Output Title
GBT Memo 289: Mapping Diffuse Neutral Hydrogen With the GBT

Authors
S. A. Wolfe, D. J. Pisano, F. J. Lockman

Status
Published/produced

Year
2015

Publisher Green Bank Observatory	Commissioned Green Bank Observatory
Output Title GBT Memo 255: Astronomical Results From the Recommissioning of the Ka-Band As a Dual-Feed, Single Channel Receiver Using the Spectrometer	
Authors R. J. Maddalena, D. J. Pisano, J. Wagg	
Status Published/produced	Year 2007
Publisher Green Bank Observatory	Commissioned Green Bank Observatory

Output Title GBT Memo 246: Recent Astronomical Commissioning Results for the Ka-band (26.0-40 GHz) Receiver	
Authors D. J. Pisano, R. Maddalena, C. Figura, J. Wagg	
Status Published/produced	Year 2007
Publisher Green Bank Observatory	Commissioned Green Bank Observatory

Student Supervision

Title Ms	Initials Y
Surname Simango	Citizenship Status Non-South African citizen
Country Of Birth Mozambique	Race African
Gender Female	Institution University of Cape Town
Level Doctoral	Name Of Degree/Diploma (e.g. PhD) PhD
Title of Thesis/Dissertation Mass modeling of galaxies over a billion years of cosmic time	
Is Fulltime Yes	Supervised From 2023
Supervised To 2027	Role Co-supervisor

Year First Registration 2023	Is Completed No
Qualification Status In Progress	Report Supported Student Researcher Citizenship Status Non-South African citizen
Report Supported Student Researcher Completed No	Report Supported Student Researcher Fulltime Yes
Report Supported Student Researcher Gender Female	Report Supported Student Researcher Institution University of Cape Town
Report Supported Student Researcher Institution Type South Africa	Report Supported Student Researcher Level Of Qualification Doctoral
Report Supported Student Researcher Level Of Qualification Status Continuing	Report Supported Student Researcher Name Of Degree Diploma PhD
Report Supported Student Researcher Race African	Report Supported Student Researcher Supervised From 2023-01-01
Report Supported Student Researcher Supervised To 2027-01-01	Report Supported Student Researcher Surname Simango
Report Supported Student Researcher Title Ms	Report Supported Student Researcher Year Of First Registration 2023
Title Mr	Initials M
Surname Shanobe	Citizenship Status Non-South African citizen
Country Of Birth Zambia	Race African
Gender Male	Institution University of Cape Town
Level Doctoral	Name Of Degree/Diploma (e.g. PhD) PhD
Title of Thesis/Dissertation Examining transition galaxies in the field to understand the physical factors that drive quenching	
Is Fulltime Yes	Supervised From 2024
Supervised To 2026	Role Supervisor
Year First Registration 2024	Is Completed No
Qualification Status In Progress	Report Supported Student Researcher Citizenship Status Non-South African citizen

Report Supported Student Researcher Completed No	Report Supported Student Researcher Fulltime Yes
Report Supported Student Researcher Gender Male	Report Supported Student Researcher Institution University of Cape Town
Report Supported Student Researcher Institution Type South Africa	Report Supported Student Researcher Level Of Qualification Doctoral
Report Supported Student Researcher Level Of Qualification Status Continuing	Report Supported Student Researcher Name Of Degree Diploma PhD
Report Supported Student Researcher Race African	Report Supported Student Researcher Supervised From 2024-01-01
Report Supported Student Researcher Supervised To 2026-01-01	Report Supported Student Researcher Surname Shanobe
Report Supported Student Researcher Title Mr	Report Supported Student Researcher Year Of First Registration 2024
Title Mr	Initials SA
Surname Njoroge	Citizenship Status Non-South African citizen
Country Of Birth Kenya	Race African
Gender Male	Institution University of Cape Town
Level Masters	Name Of Degree/Diploma (e.g. PhD) MSc
Title of Thesis/Dissertation Imaging Polarised Radio Continuum Emission in and around Nearby Galaxies	
Is Fulltime Yes	Supervised From 2025
Supervised To 2026	Role Supervisor
Year First Registration 2025	Is Completed No
Qualification Status In Progress	Report Supported Student Researcher Citizenship Status Non-South African citizen
Report Supported Student Researcher Completed No	Report Supported Student Researcher Fulltime Yes
Report Supported Student Researcher Gender Male	Report Supported Student Researcher Institution University of Cape Town

Report Supported Student Researcher Institution Type South Africa	Report Supported Student Researcher Level Of Qualification Masters
Report Supported Student Researcher Level Of Qualification Status Continuing	Report Supported Student Researcher Name Of Degree Diploma MSc
Report Supported Student Researcher Race African	Report Supported Student Researcher Supervised From 2025-01-01
Report Supported Student Researcher Supervised To 2026-01-01	Report Supported Student Researcher Surname Njoroge
Report Supported Student Researcher Title Mr	Report Supported Student Researcher Year Of First Registration 2025
Title Mr	Initials N
Surname Ranaivoharimina	Citizenship Status Non-South African citizen
Country Of Birth Madagascar	Race African
Gender Male	Institution University of Cape Town
Level Doctoral	Name Of Degree/Diploma (e.g. PhD) PhD
Title of Thesis/Dissertation HI and multiwavelength morphology and kinematic study of disc thickness?	
Is Fulltime Yes	Supervised From 2025
Supervised To 2027	Role Supervisor
Year First Registration 2025	Is Completed No
Qualification Status In Progress	Report Supported Student Researcher Citizenship Status Non-South African citizen
Report Supported Student Researcher Completed No	Report Supported Student Researcher Fulltime Yes
Report Supported Student Researcher Gender Male	Report Supported Student Researcher Institution University of Cape Town
Report Supported Student Researcher Institution Type South Africa	Report Supported Student Researcher Level Of Qualification Doctoral

Report Supported Student Researcher Level Of Qualification Status Continuing	Report Supported Student Researcher Name Of Degree Diploma PhD
Report Supported Student Researcher Race African	Report Supported Student Researcher Supervised From 2025-01-01
Report Supported Student Researcher Supervised To 2027-01-01	Report Supported Student Researcher Surname Ranaivoharimina
Report Supported Student Researcher Title Mr	Report Supported Student Researcher Year Of First Registration 2025
Title Mr	Initials M
Surname de Villiers	Citizenship Status South African citizen
Race Coloured	Gender Male
Institution University of Cape Town	Level Doctoral
Title of Thesis/Dissertation Extraplanar gas in nearby galaxies	
Name Of Degree/Diploma (e.g. PhD) PhD	Is Fulltime Yes
Supervised From 2024	Supervised To 2024
Role Co-supervisor	Year First Registration 2024
Is Completed No	Qualification Status In Progress
Report Supported Student Researcher Citizenship Status South African citizen	Report Supported Student Researcher Completed No
Report Supported Student Researcher Fulltime Yes	Report Supported Student Researcher Gender Male
Report Supported Student Researcher Institution University of Cape Town	Report Supported Student Researcher Institution Type South Africa
Report Supported Student Researcher Level Of Qualification Doctoral	Report Supported Student Researcher Level Of Qualification Status Continuing
Report Supported Student Researcher Name Of Degree Diploma PhD	Report Supported Student Researcher Race Coloured
Report Supported Student Researcher Supervised From 2024-01-01	Report Supported Student Researcher Supervised To 2024-12-31

Report Supported Student Researcher Surname de Villiers	Report Supported Student Researcher Title Mr
Report Supported Student Researcher Year Of First Registration 2024	
Title Ms	Initials K
Surname Kummer	Citizenship Status South African citizen
Race White	Gender Female
Institution University of Cape Town	Level Masters
Title of Thesis/Dissertation Star Formation in Nearby Galaxies	
Name Of Degree/Diploma (e.g. PhD) MSc	Is Fulltime Yes
Supervised From 2024	Supervised To 2024
Role Supervisor	Year First Registration 2024
Is Completed No	Qualification Status In Progress
Report Supported Student Researcher Citizenship Status South African citizen	Report Supported Student Researcher Completed No
Report Supported Student Researcher Fulltime Yes	Report Supported Student Researcher Gender Female
Report Supported Student Researcher Institution University of Cape Town	Report Supported Student Researcher Institution Type South Africa
Report Supported Student Researcher Level Of Qualification Masters	Report Supported Student Researcher Level Of Qualification Status Continuing
Report Supported Student Researcher Name Of Degree Diploma MSc	Report Supported Student Researcher Race White
Report Supported Student Researcher Supervised From 2024-01-01	Report Supported Student Researcher Supervised To 2024-12-31
Report Supported Student Researcher Surname Kummer	Report Supported Student Researcher Title Ms
Report Supported Student Researcher Year Of First Registration 2024	

Title Mr	Initials R
Surname Naidoo	Citizenship Status South African citizen
Race Indian	Gender Male
Institution University of Cape Town	Level Masters

Title of Thesis/Dissertation

Studying the Evolution of HI from z=0-0.5 with CHILES

Name Of Degree/Diploma (e.g. PhD) MSc	Is Fulltime No
Supervised From 2023	Supervised To 2024
Role Supervisor	Year First Registration 2023
Is Completed No	Qualification Status In Progress
Report Supported Student Researcher Citizenship Status South African citizen	Report Supported Student Researcher Completed No
Report Supported Student Researcher Fulltime No	Report Supported Student Researcher Gender Male
Report Supported Student Researcher Institution University of Cape Town	Report Supported Student Researcher Institution Type South Africa
Report Supported Student Researcher Level Of Qualification Masters	Report Supported Student Researcher Level Of Qualification Status Continuing
Report Supported Student Researcher Name Of Degree Diploma MSc	Report Supported Student Researcher Race Indian
Report Supported Student Researcher Supervised From 2023-01-01	Report Supported Student Researcher Supervised To 2024-01-01
Report Supported Student Researcher Surname Naidoo	Report Supported Student Researcher Title Mr
Report Supported Student Researcher Year Of First Registration 2023	

Title Mr	Initials A
Surname Louw	Citizenship Status South African citizen

Race Coloured	Gender Male
Institution University of Cape Town	Level Masters
Title of Thesis/Dissertation Exploring the Ophiuchus supercluster with the MeerKAT Galactic Plane Survey	
Name Of Degree/Diploma (e.g. PhD) MSc	Is Fulltime Yes
Supervised From 2023	Supervised To 2024
Role Supervisor	Year First Registration 2023
Is Completed No	Qualification Status In Progress
Report Supported Student Researcher Citizenship Status South African citizen	Report Supported Student Researcher Completed No
Report Supported Student Researcher Fulltime Yes	Report Supported Student Researcher Gender Male
Report Supported Student Researcher Institution University of Cape Town	Report Supported Student Researcher Institution Type South Africa
Report Supported Student Researcher Level Of Qualification Masters	Report Supported Student Researcher Level Of Qualification Status Continuing
Report Supported Student Researcher Name Of Degree Diploma MSc	Report Supported Student Researcher Race Coloured
Report Supported Student Researcher Supervised From 2023-01-01	Report Supported Student Researcher Supervised To 2024-01-01
Report Supported Student Researcher Surname Louw	Report Supported Student Researcher Title Mr
Report Supported Student Researcher Year Of First Registration 2023	
Title Ms	Initials T
Surname Rawoot	Citizenship Status South African citizen
Race Coloured	Gender Female
Institution University of Cape Town	Level Masters

Title of Thesis/Dissertation

Making the Deepest Images of the Circumgalactic Medium

Name Of Degree/Diploma (e.g. PhD) MSc	Is Fulltime No
Supervised From 2024	Supervised To 2024
Role Supervisor	Year First Registration 2024
Is Completed No	Qualification Status In Progress
Report Supported Student Researcher Citizenship Status South African citizen	Report Supported Student Researcher Completed No
Report Supported Student Researcher Fulltime No	Report Supported Student Researcher Gender Female
Report Supported Student Researcher Institution University of Cape Town	Report Supported Student Researcher Institution Type South Africa
Report Supported Student Researcher Level Of Qualification Masters	Report Supported Student Researcher Level Of Qualification Status Continuing
Report Supported Student Researcher Name Of Degree Diploma MSc	Report Supported Student Researcher Race Coloured
Report Supported Student Researcher Supervised From 2024-01-01	Report Supported Student Researcher Supervised To 2024-12-31
Report Supported Student Researcher Surname Rawoot	Report Supported Student Researcher Title Ms
Report Supported Student Researcher Year Of First Registration 2024	

Title Mr	Initials O
Surname Scannell	Citizenship Status South African citizen
Race Coloured	Gender Male
Institution University of Cape Town	Level Masters

Title of Thesis/Dissertation

What is happening to the MHONGOOSE galaxy UGCA319?

Name Of Degree/Diploma (e.g. PhD) MSc	Is Fulltime Yes
---	---------------------------

Supervised From 2024	Supervised To 2024
Role Supervisor	Year First Registration 2024
Is Completed No	Qualification Status In Progress
Report Supported Student Researcher Citizenship Status South African citizen	Report Supported Student Researcher Completed No
Report Supported Student Researcher Fulltime Yes	Report Supported Student Researcher Gender Male
Report Supported Student Researcher Institution University of Cape Town	Report Supported Student Researcher Institution Type South Africa
Report Supported Student Researcher Level Of Qualification Masters	Report Supported Student Researcher Level Of Qualification Status Continuing
Report Supported Student Researcher Name Of Degree Diploma MSc	Report Supported Student Researcher Race Coloured
Report Supported Student Researcher Supervised From 2024-01-01	Report Supported Student Researcher Supervised To 2024-12-31
Report Supported Student Researcher Surname Scannell	Report Supported Student Researcher Title Mr
Report Supported Student Researcher Year Of First Registration 2024	
Title Mr	Initials H
Surname Arlow	Citizenship Status South African citizen
Race White	Gender Male
Institution University of Cape Town	Level Doctoral
Title of Thesis/Dissertation The Evolution of Lumious Compact Blue Galaxies	
Name Of Degree/Diploma (e.g. PhD) PhD	Is Fulltime Yes
Supervised From 2024	Supervised To 2026
Role Supervisor	Year First Registration 2024

Is Completed No	Qualification Status In Progress
Report Supported Student Researcher Citizenship Status South African citizen	Report Supported Student Researcher Completed No
Report Supported Student Researcher Fulltime Yes	Report Supported Student Researcher Gender Male
Report Supported Student Researcher Institution University of Cape Town	Report Supported Student Researcher Institution Type South Africa
Report Supported Student Researcher Level Of Qualification Doctoral	Report Supported Student Researcher Level Of Qualification Status Continuing
Report Supported Student Researcher Name Of Degree Diploma PhD	Report Supported Student Researcher Race White
Report Supported Student Researcher Supervised From 2024-01-01	Report Supported Student Researcher Supervised To 2026-01-01
Report Supported Student Researcher Surname Arlow	Report Supported Student Researcher Title Mr
Report Supported Student Researcher Year Of First Registration 2024	
Title Mr	Initials G
Surname Madiba	Citizenship Status South African citizen
Race African	Gender Male
Institution University of Cape Town	Level Masters
Title of Thesis/Dissertation Imaging of Polarised Radio Continuum Emission in and around MHONGOOSE Galaxies	
Name Of Degree/Diploma (e.g. PhD) MSc	Is Fulltime Yes
Supervised From 2024	Supervised To 2025
Role Supervisor	Year First Registration 2024
Is Completed No	Qualification Status In Progress
Report Supported Student Researcher Citizenship Status South African citizen	Report Supported Student Researcher Completed No

Report Supported Student Researcher Fulltime Yes	Report Supported Student Researcher Gender Male
Report Supported Student Researcher Institution University of Cape Town	Report Supported Student Researcher Institution Type South Africa
Report Supported Student Researcher Level Of Qualification Masters	Report Supported Student Researcher Level Of Qualification Status Continuing
Report Supported Student Researcher Name Of Degree Diploma MSc	Report Supported Student Researcher Race African
Report Supported Student Researcher Supervised From 2024-01-01	Report Supported Student Researcher Supervised To 2025-01-01
Report Supported Student Researcher Surname Madiba	Report Supported Student Researcher Title Mr
Report Supported Student Researcher Year Of First Registration 2024	
Title Ms	Initials N
Surname Adam	Citizenship Status South African citizen
Race Indian	Gender Female
Institution University of Cape Town	Level Doctoral
Title of Thesis/Dissertation Comparative Analysis of Galaxies in the Fornax Main Cluster and Fornax A Subcluster	
Name Of Degree/Diploma (e.g. PhD) PhD	Is Fulltime Yes
Supervised From 2025	Supervised To 2028
Role Supervisor	Year First Registration 2025
Is Completed No	Qualification Status In Progress
Report Supported Student Researcher Citizenship Status South African citizen	Report Supported Student Researcher Completed No
Report Supported Student Researcher Fulltime Yes	Report Supported Student Researcher Gender Female
Report Supported Student Researcher Institution University of Cape Town	Report Supported Student Researcher Institution Type South Africa

Report Supported Student Researcher Level Of Qualification Doctoral	Report Supported Student Researcher Level Of Qualification Status Continuing
Report Supported Student Researcher Name Of Degree Diploma PhD	Report Supported Student Researcher Race Indian
Report Supported Student Researcher Supervised From 2025-01-01	Report Supported Student Researcher Supervised To 2028-01-01
Report Supported Student Researcher Surname Adam	Report Supported Student Researcher Title Ms
Report Supported Student Researcher Year Of First Registration 2025	
Title Mr	Initials N
Surname Ranaivoharimina	Citizenship Status Non-South African citizen
Country Of Birth Madagascar	Race African
Gender Male	Institution University of Cape Town
Level Masters	Name Of Degree/Diploma (e.g. PhD) MSc
Title of Thesis/Dissertation Exploring the thickness of galaxy disks in HI	
Is Fulltime Yes	Supervised From 2023
Supervised To 2024	Role Supervisor
Year First Registration 2023	Is Completed No
Qualification Status Discontinued (stopped)	Reason Upgraded to PhD
Title Mr	Initials E
Surname Smith	Citizenship Status Non-South African citizen
Country Of Birth USA	Race White
Gender Male	Institution West Virginia University

Level Doctoral	Name Of Degree/Diploma (e.g. PhD) PhD
Title of Thesis/Dissertation Impact of Radio Frequency Interference and Real-Time Spectral Kurtosis Mitigation	
Is Fulltime Yes	Supervised From 2017
Supervised To 2022	Role Supervisor
Year First Registration 2017	Is Completed Yes
Year Awarded 2022	

Title Mr	Initials NM
Surname Luber	Citizenship Status Non-South African citizen
Country Of Birth USA	Race White
Gender Male	Institution West Virginia University
Level Doctoral	Name Of Degree/Diploma (e.g. PhD) PhD

Title of Thesis/Dissertation Deep Radio Observations and the Role of the Cosmic Web in Galaxy Evolution	
Is Fulltime Yes	Supervised From 2018
Supervised To 2022	Role Supervisor
Year First Registration 2018	Is Completed Yes
Year Awarded 2022	

Title Mr	Initials M
Surname Shanobe	Citizenship Status Non-South African citizen
Country Of Birth Zambia	Race African

Gender Male	Institution University of Cape Town
Level Masters	Name Of Degree/Diploma (e.g. PhD) MSc
Title of Thesis/Dissertation Characterising Post- Starburst Galaxies In The COSMOS Field At $z \sim 0.5$	
Is Fulltime Yes	Supervised From 2022
Supervised To 2024	Role Supervisor
Year First Registration 2022	Is Completed Yes
Year Awarded 2024	

Title Mr	Initials M
Surname de Villiers	Citizenship Status South African citizen
Race Coloured	Gender Male
Institution University of Cape Town	Level Masters

Title of Thesis/Dissertation
Probing for optical and HI diffuse gas in MHONGOOSE galaxy UGCA 250

Name Of Degree/Diploma (e.g. PhD) MSc	Is Fulltime Yes
Supervised From 2022	Supervised To 2023
Role Co-supervisor	Year First Registration 2022
Is Completed Yes	Year Awarded 2024

Title Ms	Initials N
Surname Adam	Citizenship Status South African citizen
Race Coloured	Gender Female

Institution University of Cape Town	Level Masters
Title of Thesis/Dissertation Searching for Extended HI Emission in the Fornax Cluster	
Name Of Degree/Diploma (e.g. PhD) MSc	Is Fulltime Yes
Supervised From 2023	Supervised To 2025
Role Supervisor	Year First Registration 2023
Is Completed Yes	Year Awarded 2025
Title Mr	Initials SA
Surname Njoroge	Citizenship Status Non-South African citizen
Country Of Birth Kenya	Race African
Gender Male	Institution University of Cape Town
Level Honours	Name Of Degree/Diploma (e.g. PhD) BSc (Honours
Is Fulltime Yes	Supervised From 2024
Supervised To 2024	Role Supervisor
Year First Registration 2024	Is Completed Yes
Year Awarded 2024	
Title Mr	Initials H
Surname Arlow	Citizenship Status South African citizen
Race White	Gender Male
Institution University of Cape Town	Level Masters

Name Of Degree/Diploma (e.g. PhD) MSc	Is Fulltime Yes
Supervised From 2022	Supervised To 2024
Role Supervisor	Year First Registration 2022
Is Completed Yes	Year Awarded 2024

Title Ms	Initials N
Surname Adam	Citizenship Status South African citizen
Race Coloured	Gender Female
Institution University of Cape Town	Level Honours
Name Of Degree/Diploma (e.g. PhD) BSc (Honours)	Is Fulltime Yes
Supervised From 2022	Supervised To 2022
Role Supervisor	Year First Registration 2022
Is Completed Yes	Year Awarded 2022

Title Mr	Initials C
Surname Jooste	Citizenship Status South African citizen
Race White	Gender Male
Institution University of Cape Town	Level Honours
Name Of Degree/Diploma (e.g. PhD) BSc (Honours)	Is Fulltime Yes
Supervised From 2023	Supervised To 2023
Role Supervisor	Year First Registration 2023

Is Completed Yes	Year Awarded 2023
Title Ms	Initials K
Surname Kummer	Citizenship Status South African citizen
Race White	Gender Female
Institution University of Cape Town	Level Honours
Name Of Degree/Diploma (e.g. PhD) BSc (Honours)	Is Fulltime Yes
Supervised From 2023	Supervised To 2023
Role Supervisor	Year First Registration 2023
Is Completed Yes	Year Awarded 2023
Title Ms	Initials R
Surname Kobeqo	Citizenship Status South African citizen
Race African	Gender Female
Institution University of Cape Town	Level Honours
Name Of Degree/Diploma (e.g. PhD) BSC (Hons)	Is Fulltime Yes
Supervised From 2025	Supervised To 2025
Role Supervisor	Year First Registration 2025
Is Completed Yes	Year Awarded 2025
Title Mr	Initials S
Surname Soni	Citizenship Status South African citizen

Race Indian	Gender Male
Institution University of Cape Town	Level Honours
Name Of Degree/Diploma (e.g. PhD) BSc (Hons)	Is Fulltime Yes
Supervised From 2025	Supervised To 2025
Role Supervisor	Year First Registration 2025
Is Completed Yes	Year Awarded 2025

Title Dr	Initials J
Surname Stevens	Citizenship Status Non-South African citizen
Race White	Gender Male
Level Doctoral	Is Fulltime Yes
Supervised From 2002	Supervised To 2004
Year First Registration 2001	Is Completed Yes
Year Awarded 2004	Description PhD

Title Dr	Initials SA
Surname Wolfe	Citizenship Status Non-South African citizen
Race White	Gender Male
Level Doctoral	Is Fulltime Yes
Supervised From 2009	Supervised To 2014
Year First Registration 2008	Is Completed Yes

Year Awarded 2014	Description PhD
Title Dr	Initials K
Surname Rabidoux	Citizenship Status Non-South African citizen
Race White	Gender Female
Level Doctoral	Is Fulltime Yes
Supervised From 2009	Supervised To 2015
Year First Registration 2008	Is Completed Yes
Year Awarded 2015	Description PhD
Title Dr	Initials S
Surname Edel	Citizenship Status Non-South African citizen
Race White	Gender Male
Level Bachelors	Is Fulltime Yes
Supervised From 2009	Supervised To 2010
Year First Registration 2005	Is Completed Yes
Year Awarded 2010	Description BS
Title Dr	Initials D
Surname Ludovici	Citizenship Status Non-South African citizen
Race White	Gender Male
Level Bachelors	Is Fulltime Yes

Supervised From 2009	Supervised To 2011
Year First Registration 2006	Is Completed Yes
Year Awarded 2011	Description BS
Title Mr	Initials T
Surname Williams	Citizenship Status Non-South African citizen
Race White	Gender Male
Level Bachelors	Is Fulltime Yes
Supervised From 2018	Supervised To 2019
Year First Registration 2015	Is Completed Yes
Year Awarded 2019	Description BS
Title Dr	Initials L
Surname Hunt	Citizenship Status Non-South African citizen
Race White	Gender Male
Level Doctoral	Is Fulltime Yes
Supervised From 2011	Supervised To 2017
Year First Registration 2011	Is Completed Yes
Year Awarded 2017	Description PhD
Title Dr	Initials NM
Surname Pingel	Citizenship Status Non-South African citizen

Race White	Gender Male
Level Doctoral	Is Fulltime Yes
Supervised From 2013	Supervised To 2018
Year First Registration 2013	Is Completed Yes
Year Awarded 2018	Description PhD

Title Dr	Initials A
Surname Sardone	Citizenship Status Non-South African citizen
Race White	Gender Female
Level Doctoral	Is Fulltime Yes
Supervised From 2015	Supervised To 2019
Year First Registration 2015	Is Completed Yes
Year Awarded 2019	Description PhD

Title Ms	Initials G
Surname Roy	Citizenship Status Non-South African citizen
Race Indian	Gender Female
Level Masters	Is Fulltime Yes
Supervised From 2019	Supervised To 2019
Year First Registration 2017	Is Completed Yes
Year Awarded 2019	Description MS

Personal Details

Citizenship Status South African permanent resident	Country South Africa
Country Of Birth USA	Gender Male
Identity Number A81491759	Identity Type Passport Number
Institution University of Cape Town	Institution Country South Africa
Institution Type South Africa	Passport Expiry 08-Oct-2035 12:00:00 AM
Position Professor	Race White
Research Expertise Astronomy	Research Expertise Type Field of Specialisation

Career Objective

I am an observational astronomer with nearly a decade of research experience and a passion for software. My expertise lies in working with multi-wavelength observations, I have experience with data across the electromagnetic spectrum and from a range of instruments, with a special focus on the radio and optical (primarily IFU spectroscopy), in which I have led several research programmes and obtained hands-on observing experience. I have also led and contributed to the software pipeline design for various collaborations throughout my academic career, and I am eager to shift my focus more towards this aspect of astronomy, and deepening my involvement with South African facilities, while continuing my research projects and helping inspire the next generation of astronomers.

Professional Appointments

- 2022–present **Postdoctoral Fellow**, *University of Cape Town*, Prof. D.J. Pisano
- I am leading the Data Products Pipeline team for a substantial (~500 galaxies) ALMA programme
 - I published a study focused on an IFU programme (on VLT/MUSE) for which I am the PI
 - I am supervising an MSc student working on SALT spectra and MeerKAT data
- 2020–2022 **Postdoctoral Researcher**, *Kapteyn Institute, University of Groningen*, Prof. Dr. M. A. W. Verheijen
- I contributed to the data reduction pipeline for a large programme on the WSRT
 - I wrote the data products pipeline for an ALMA ACA large programme
 - I led the team organising a multi-day outreach event for high-school students

Awards & Grants

- 2021 **Kapteyn Institute**, I was announced “best speaker” at the Kapteyn Science Day 2021, where over 50 PhD students, postdocs, and staff members presented their research.
- 2019 **Cardiff University**, I won the Bessie Jones Prize for “Outstanding Contribution to Research”
- 2018 **RadioNet**, I received funding to support my visit as observer to the IRAM 30m telescope
- 2019 **Cardiff University**, I received a Vera Rubin award for “Consistent Contribution to Community Engagement”
- 2019 **ALMABO**, I received funding to attend the conference “Views on the ISM in galaxies in the ALMA era”
- 2018 **Cardiff University**, I received a Georges Lemaître Award for “Contribution to Community Engagement”
- 2018 **RadioNet**, I received funding to attend the PACE ALMA Data Processing Workshop from the European Union’s Horizon 2020 research and innovation programme

Awarded Telescope Time

I have led successful proposals for the following telescopes:

- VLT/MUSE **0104.A-0734**, 8 hours, “Disturbed dwarfs in the Fornax cluster: ram pressure stripping and other quenching mechanisms at work”
- ALMA ACA **2022.1.00510.S**, 48 hours, “The COCOA survey: CO in Coma with the ACA”
- 2023.1.01456.S**, 44 hours (+73 hours TP), “A pilot survey of CO in blindly detected HI-rich dwarf galaxies in the Virgo cluster”
- 2024.1.01380.S**, 21 hours, “Resolving the mystery of the “missing” molecular gas in the actively stripped Fornax cluster dwarf galaxy NGC 1427A”
- The IRAM 30m telescope **196-19**, 31 hours, “The IRAM COCO survey: CO in the Coma cluster”
- 075-21**, 50 hours, “Molecular gas in the spiral-rich nearby cluster Abell 262”
- JCMT **E24AK001**, 16 hours, “A pilot survey of CO in blindly detected HI-rich dwarf galaxies in the Virgo cluster”

Additionally, I am deeply involved in various other relevant successful telescope proposals, including the following:

- SALT 2024-2-MLT-002**, 8 hours, "Spectroscopic follow-up of HI-detected dwarf galaxies from the MeerKAT Fornax Survey"
PI: Ilani Loubser
- 2024-1-MLT-009**, 27 hours, "Optical Characterization of MHONGOOSE Galaxies"
PI: Moses Mogotsi
- 2024-2-SCI-019**, 5 hours, "Reconstructing the star-formation history of the HI-truncated spiral galaxy NGC1316C in the Fornax A group"
PI: Marc Sarzi
- MeerKAT MKT-23067**, 125 hours, "The MeerKAT Survey of the Virgo cluster II"
PI: Francesco de Gasperin
- MKT-24124**, 13 hours, "ESO 437-44: The Hydra I cluster infalling giant"
PI: Clara Cabanillas de la Casa
- MKT-22139**, 16 hours, "Studying the Origin of HI Clouds around M31"
PI: D.J. Pisano

Research Experience

Software development

- I developed the Python-based data products pipeline (https://github.com/NikkiZabel/VERTICO_products_pipeline) for the ALMA ACA large programme VERTICO (the "Virgo Environment Traced in CO", see e.g. <https://public.nrao.edu/gallery/verticos-view-of-the-virgo-cluster/>), which delivered science-ready data products (i.e. moment maps, PVDs, radial profiles, etc.) from spectral line data cubes.
- I am currently leading the Data Products Working Group for the global collaboration KILOGAS (<https://kilogas.space/index.html>), which will deliver the software pipeline producing science-ready data products for 500 galaxies observed with ALMA.
- I was a key member of a small team developing the kinematic modeling software KinMS, which has been distributed as a Python package (available at <https://pypi.org/project/kinms/>).

Observing

I have hands-on observing experience with:

- **SALT**
 - I spent two nights (4-5 March 2025) shadowing SALT observations to learn about its operations
- **VLT/MUSE**
 - I performed observations for the MUSE programme I led during the night of 22 November 2019 (in Visitor Mode)
- The IRAM 30m telescope
 - The nights of 1 - 5 June 2018
 - The nights of 28 December 2019 - 1 January 2020
 - The nights of 14 - 16 May 2020 (remote)
 - 18 July 2020 (remote)
 - 9 - 14 June 2021 (remote)
- The Wide Field Camera on the Isaac Newton Telescope
 - The nights of 8 - 10 September 2021
- The VLT Survey Telescope
 - The nights of 27-31 October 2021 (remote)
- **The Michigan/Magellan Fiber Spectrograph (M2FS), on the Clay Telescope at Las Campanas Observatory**
 - I observed during the nights of 19 - 22 May 2017, and I helped plug the fibre plates for the observations.

Multi-wavelength Astronomy

Much of my research focuses on relating the different phases of the ISM. I have experience with a variety of datasets across the electromagnetic spectrum, including (sub-)millimeter, radio, near and far infrared, and optical (I have analysed IFU data from VLT/MUSE as first author/PI, and I am deeply involved in several SALT programmes, e.g. 2024-2-SCI-019, 2024-1-MLT-009, and 2024-2-MLT-002.).

Peer review

I have reviewed tens of ALMA proposals, a JCMT proposal, and several manuscripts for MNRAS and AAS journals.

Education

2017–2021 **PhD in Astrophysics**, *Cardiff University*

Thesis title “The Fornax galaxy cluster, unveiled in CO: how dense environments drive galaxy evolution”

Supervisors Dr. Timothy Davis, Prof. Haley Gomez

- I contributed significantly to the Python package KinMS (<https://pypi.org/project/kinms/>)
- I obtained hands-on observing experience with several telescopes/instruments
- I served as Teaching Assistant for various courses

2014–2016 **Master of Science in Research in Astronomy**, *Leiden University*

Major thesis “Dusty steps: the extreme CO ladders of the U/LIRGs Arp 220 & NGC 4418”

Supervisor Prof. dr. P. van der Werf

Minor thesis “Polycyclic Aromatic Hydrocarbon in regions of massive star formation”

Supervisors Prof. dr. A.G.G.M. Tielens, Dr. B.W. Holwerda

2010–2014 **Bachelor of Science in Astronomy**, *Leiden University*

Thesis title “Improving Nebular Abundances”

Supervisor Dr. J. Brinchmann

Description I studied a variety of emission lines as diagnostics for the physical properties of HII regions, using optical IFU data from VLT/MUSE.

Schools & Training

2022 **SALT workshop, SAAO**, I attended the 2022 SALT workshop at SAAO to learn about the telescope and its instruments, and get hands-on experience with the software tools.

2020 **VLA Synthesis Imaging Workshop, NRAO**, I attended this five-day, virtual workshop on several aspects on interferometry, and interferometric data reduction and imaging.

2018 **ALMA Data Processing Workshop, The Portuguese ALMA Center of Expertise (PACE)**, I have attended a three-day school on ALMA data reduction (using CASA) and interferometry in general

2018 **Training at the UK ALMA Regional Centre, The University of Manchester**, I spent three days at the UK ALMA Regional Centre to receive direct support doing ALMA data reduction

2018 **Various Doctoral Academy workshops, Cardiff University**, I have attended a number of workshops on a variety of topics, both teaching related (e.g. unconscious bias) and research related (e.g. statistics, programming)

Teaching & Mentoring

2024 – present **Supervisor**, *University of Cape Town*

I am supervising an MSc student, who is working on the project “The Strange H_I Morphology of MHONGOOSE Galaxy UGCA319”. The project includes an in-depth analysis of MeerKAT H_I data and **long-slit spectroscopic data from SALT** for this nearby galaxy. The project has good potential to result in a paper, and the student is keen to do a PhD, which I am helping them work towards.

2017–2020 **Teaching Assistant**, *Cardiff University*

I have been a Teaching Assistant for the first year courses “Electricity, Magnetism, and Waves” and “Mathematical Methods for Physicists 2”. Before that, I was a teaching assistant for the second year courses “Observation Techniques in Astronomy” and “Observing the Universe”. The main focus in these courses was to help students write a telescope proposal, and help them with the data reduction and results.

2013–2015 **Teaching Assistant**, *Leiden Observatory*

I was a Teaching Assistant for the first year course Introduction to Astrophysics for two years. My main tasks were teaching tutorials, and marking homework and exams.

2011–2013 **Tutor**, *StudentsPlus Tutoring*, Leiden

During my student time, I worked as a tutor for high-school students. I helped them out with their homework for physics, mathematics, and chemistry.

Community Service

- 2022–2023 **Chair of the Social Committee**, *University of Cape Town*
I chaired the departmental Social Committee at UCT, which organised several very successful events with many attendees.
- 2022–2023 **PHISCC LOC member**, *University of Cape Town*
I was a key member of the local organising committee for the global Pathfinders HI Science Coordination Committee (PHISCC) meeting in Cape Town in 2023, which was a great success.
- 2017–2020 **PostGrad Representative**, *Cardiff University*, Cardiff
Throughout my PhD, I acted as a representative for my peers. This means that I was their point of contact in case they face any issues (both research and teaching related) and I formed a connection between young researchers and the School and University. I attended several meetings on the school and university level.
- 2012–2013 **Assessor Education & Book Sales, Vice-president**, *Study Association De Leidsche Flesch*, Leiden
During my year in the board of study association De Leidsche Flesch (the study association for Physics, Astronomy, Mathematics and Computer Science in Leiden), I was responsible for all education related matters and I was the contact person for various people in all four departments who had something to do with the education. I organised book sales for both semesters and as the vice president I was a support to the president and took charge of his tasks whenever he was absent. I also organised weekly lunch talks.
- 2011–2012, **Student Representative**, *Leiden Observatory*
2015–2016 As a member of the Educational Committee I represented my fellow students and formed a link between them and the staff. I attended frequent meetings about and helped guarantee and improve of the quality of the education.
- 2010–2015 **Various committees**, *Study association De Leidsche Flesch*, *Astronomical society "F. Kaiser"*, Leiden
I participated in many committees within the study association and astronomical association at my department. I fulfilled various functions within these committees, such as secretary, treasurer and president. Among other things, I organised the Introduction Weekend twice, and I was jointly responsible for the program of a trip to Berlin for first-year students.

Outreach

- 2019–2022 **Writer for Popular Astronomy**
I wrote for the AstroNews section of Popular Astronomy. This is the members magazine for the Society of Popular Astronomy (spanning the entire UK), whose target audience is amateur astronomers.
- 2021–2021 **Team Lead Astronomy Olympiad 2022**, *University of Groningen*
I chaired the committee organising the Astronomy Olympiad 2022 (an astronomy contest for students in the last year of high school). My team was both in charge of organising the contest itself (designing and marking questions), and a three-day visit to the university for the finalists, including lectures, excursions, and a final exam with award ceremony.
- February 2020 **Volunteer at Cardiff Science Festival**, *Cardiff*
As a volunteer, I helped out with several public events related to the Science Festival: an annual, nationwide science event for the public.
- 2018–2019 **Team Lead Pint of Science**, *Cardiff*
I led the team in charge of the organisation of the session "From Atoms to Galaxies" during Pint of Science 2019. Pint of Science is an outreach event spanning three evenings filled with talks and activities for the general public.
- 2015–2016 **Team Lead Astronomy Olympiad 2016**, *Leiden Observatory*
- 2014–2015 **Committee member**, *Astronomical Society "F. Kaiser"*
I co-organised the "Kaiser Lente Lezingen" (Spring Talks); a series of four astronomy related lectures for the public.
- 2012–2015 **Student Ambassador**, *Leiden University*
As a student ambassador I was concerned with the recruitment of new students, as part of the PR team of the Physics and Astronomy department. My tasks included the organisation of open days, giving talks during open days and at schools, talking to prospective students and showing them around, and joining various trainings and meetings.
- 2011–2012 **Outreach Ambassador**, *Universe Awareness*, Leiden
As an outreach ambassador for Universe Awareness, an initiative to interest children in and educate them about astronomy, I helped out with several events at schools and museums.
- 2010–2011 **Volunteer**, *RINO foundation*, Leiden
As a volunteer at the RINO foundation I gave the physics demonstration "Freezing Physics" at various high schools in the Netherlands. The goals of the RINO foundation is to make high school students enthusiastic about physics.

Skills & Strenghts

Skills	Data analysis • Problem-solving • Software development • Project management • Planning • Time management • Teamwork Communication • Leadership • Mentoring
Strenghts	Driven • Fast learner • Flexible/adaptable • Proactive • Communicative • Empathetic • Detail-oriented • Independent
Software	Python • Git(Hub) • mySQL • Linux • L ^A T _E X • OOP • Slurm • HPC • pPXF • GandALF • IDL • TOPCAT • DS9 • R
Languages	Dutch (mother tongue) • English (fluent, written + spoken)

References

- Prof. D.J. Pisano; University of Cape Town; dj.pisano@uct.ac.za
- Dr. Timothy A. Davis; Cardiff University; DavisT@cardiff.ac.uk
- Prof. dr. Reynier Peletier; The University of Groningen; peletier@astro.rug.nl
- Dr. Toby Brown; Herzberg Astronomy and Astrophysics Research Centre; tobiashenry-brown@gmail.com

Publications

- Number of publications: 32 (first author: 5)
- Number of citations: 671 (176)
- h-index: 15 (4)

The following pages contain a selection of my publications and oral presentations.

First Author Publications

- [1] **Nikki Zabel** et al. MHONGOOSE XX: The remarkable H I content of the edge-on dwarf galaxy UGCA320 and neighbours. in prep.
- [2] **Nikki Zabel**, Alessandro Loni, Marc Sarzi, et al. A resolved, multi-wavelength study of gas-rich dwarf galaxies in the Fornax cluster using MUSE, MeerKAT, and ALMA. *MNRAS*, November 2024.
- [3] **Nikki Zabel**, Toby Brown, Christine D. Wilson, et al. VERTICO II: How H I-identified Environmental Mechanisms Affect the Molecular Gas in Cluster Galaxies. *ApJ*, 933(1):10, July 2022.
- [4] **Nikki Zabel**, Timothy A. Davis, Matthew W. L. Smith, et al. ALFoCS + F3D - II. Unexpectedly low gas-to-dust ratios in the Fornax galaxy cluster. *MNRAS*, 502(4):4723–4742, April 2021.
- [5] **Nikki Zabel**, Timothy A. Davis, Marc Sarzi, et al. ALFoCS + Fornax3D: resolved star formation in the Fornax cluster with ALMA and MUSE. *MNRAS*, 496(2):2155–2182, June 2020.
- [6] **Nikki Zabel**, Timothy A. Davis, Matthew W. L. Smith, et al. The ALMA Fornax Cluster Survey I: stirring and stripping of the molecular gas in cluster galaxies. *MNRAS*, 483(2):2251–2268, Feb 2019.

Relevant Co-author Publications

For a complete list of publications see <https://orcid.org/0000-0001-7732-5338>

- [1] Sushma Kurapati, D. J. Pisano, W. J. G. de Blok, Peter Kamphuis, and **Nikki Zabel**. Uncovering extraplanar gas in UGCA 250 with the Ultra-deep MHONGOOSE Survey. *MNRAS*, 538(2):1272–1287, April 2025.
- [2] Adebisola B. Alabi, S. Ilani Loubser, Moses K. Mogotsi, and **N. Zabel**. Stars and ionized gas in UGCA 320: a nearby gas-rich, dwarf irregular galaxy. *MNRAS*, 543(4):3613–3627, November 2025.
- [3] S. I. Loubser, K. Mosia, P. Serra, D. Kleiner, R. F. Peletier, R. C. Kraan-Korteweg, E. Iodice, A. Loni, P. Kamphuis, and **N. Zabel**. The star formation histories of galaxies in different stages of pre-processing in the Fornax A group. *MNRAS*, 527(3):7158–7172, January 2024.
- [4] W. J. G. de Blok, J. Healy, F. M. Maccagni, D. J. Pisano, A. Bosma, J. English, T. Jarrett, A. Marasco, G. R. Meurer, S. Veronese, F. Bigiel, L. Chemin, F. Fraternali, B. W. Holwerda, P. Kamphuis, H. R. Klöckner, D. Kleiner, A. K. Leroy, M. Mogotsi, K. A. Oman, E. Schinnerer, L. Verdes-Montenegro, T. Westmeier, O. I. Wong, **N. Zabel**, et al. MHONGOOSE: A MeerKAT nearby galaxy H I survey. *A&A*, 688:A109, August 2024.
- [5] María J. Jiménez-Donaire, Toby Brown, Christine D. Wilson, Ian D. Roberts, **Nikki Zabel**, et al. VERTICO. III. The Kennicutt-Schmidt relation in Virgo cluster galaxies. *A&A*, 671:A3, March 2023.
- [6] Toby Brown, Ian D. Roberts, Mallory Thorp, Sara L. Ellison, **Nikki Zabel**, et al. VERTICO. VII. Environmental Quenching Caused by the Suppression of Molecular Gas Content and Star Formation Efficiency in Virgo Cluster Galaxies. *ApJ*, 956(1):37, October 2023.
- [7] Vicente Villanueva, Alberto D. Bolatto, Stuart Vogel, Tobias Brown, Christine D. Wilson, **Nikki Zabel**, et al. VERTICO. IV. Environmental Effects on the Gas Distribution and Star Formation Efficiency of Virgo Cluster Spirals. *ApJ*, 940(2):176, December 2022.
- [8] M. A. Lara-López, P. M. Galán-de Anta, M. Sarzi, E. Iodice, T. A. Davis, **N. Zabel**, et al. The Fornax3D project: The environmental impact on gas metallicity gradients in Fornax cluster galaxies. *A&A*, 660:A105, April 2022.
- [9] Tirna Deb, Marc A. W. Verheijen, Bianca M. Poggianti, Alessia Moretti, J. M. van der Hulst, Benedetta Vulcani, Mpati Ramatsoku, Paolo Serra, Julia Healy, Marco Gullieuszik, Cecilia Bacchini, Alessandro Ignesti, Ancla Müller, **Nikki Zabel**, et al. GASP XXXIX: MeerKAT hunts Jellyfish in A2626. *MNRAS*, 516(2):2683–2696, October 2022.
- [10] Toby Brown, Christine D. Wilson, **Nikki Zabel**, et al. VERTICO: The Virgo Environment Traced in CO Survey. *ApJS*, 257(2):21, December 2021.
- [11] Timothy A. Davis, **Zabel, Nikki**, et al. KinMS: Three-dimensional kinematic modelling of arbitrary gas distributions, June 2020.

Invited Talks & Seminars

- 2025 **IPARCOS**, *Seminar*, “Nobody tosses a dwarf?!” – A resolved study of the multi-phase ISM in low-mass galaxies in the Fornax cluster
- 2024 **IAU General Assembly**, *Focus Meeting* “A coherent view of atomic and molecular gas from infrared to radio wavelengths”, Resolved studies of the atomic and molecular gas in cluster galaxies in the era of ALMA, MeerKAT, and the SKA
- 2024 **North West University**, *Seminar*, A resolved, multi-wavelength study of gas-rich dwarf galaxies in the Fornax cluster
- 2023 **South African Astronomical Observatory**, *Seminar*, “Galaxy evolution in dense environments: a study of the cold ISM in dwarf galaxies in the Fornax cluster”
- 2022 **Virtual Ringberg Seminar Series**, “Star formation in dense environments - The Kennicutt-Schmidt relation in nearby galaxy clusters”
- 2021 **Harvard & Smithsonian, Center for Astrophysics (virtual)**, *Galaxy cluster discussion group*, How do cluster environments affect the molecular gas in galaxies?
- 2021 **ESO (virtual)**, *Hypatia Colloquium*, “Galaxy evolution in dense environments - a study of the cold ISM in the Fornax cluster”
- 2021 **Kapteyn Institute (virtual)**, *Lunch talk*, “The galaxy cluster Fornax, Unveiled in CO: the effects of dense environments on molecular gas and dust in galaxies”
- 2019 **ESO Santiago**, *Lunch talk*, “How does the galaxy cluster environment affect molecular gas and star formation? - The ALMA Fornax Cluster Survey”
- 2019 **MPIA Heidelberg**, *Coffee talk*, “The ALMA Fornax Cluster Survey & F3D: resolved molecular gas and star formation in the Fornax cluster”
- 2019 **Stockholm University**, *Seminar*, “How does the galaxy cluster environment affect molecular gas and star formation? - The ALMA Fornax Cluster Survey”
- 2019 **University of Groningen**, *Lunch talk*, “The ALMA Fornax cluster survey: Stirring and stripping of the molecular gas in cluster galaxies”
- 2018 **Armagh Observatory**, *Seminar*, “The ALMA Fornax cluster survey: Stirring and stripping of the molecular gas in cluster galaxies”

Relevant Contributed Talks

- 2024 **Lurking Lions Conference**, “HI at unprecedented sensitivities: results from MHONGOOSE galaxy UGCA320”
- 2024 **MeerKAT@5 Conference**, “HI at unprecedented sensitivities: results from MHONGOOSE galaxy UGCA320 and neighbours”
- 2024 **European Astronomical Society Annual Meeting**, *Symposium* “A multiwavelength view on low surface brightness and dwarf galaxies”, “A multi-wavelength study of dwarf galaxies in the Fornax cluster”
- 2023 **SKA Pathfinder HI Science Coordination Committee (PHISCC) Meeting**, “HI at unprecedented sensitivities: early results from MHONGOOSE galaxy UGCA320 and neighbours”
- 2023 **The Evolution of Gas in and around Galaxies Conference**, “HI as a key ingredient of the multi-wavelength study of early-type dwarf galaxies the cluster environment”
- 2022 **University of Cape Town**, *Seminar (virtual)*, “How do cluster environments affect the molecular gas in galaxies?”
- 2021 **5th Netherlands ALMA Science Day (virtual)**, “How do HI-identified environmental mechanisms affect the molecular gas in cluster galaxies?”
- 2019 **ALMABO19**, *Conference* “Views on the ISM in galaxies in the ALMA era”, “The ALMA Fornax cluster survey: Stirring and stripping of the molecular gas in cluster galaxies”
- 2019 **Royal Astronomical Society meeting**, *Meeting* “Quenching galaxies at low and high redshift”, “The ALMA Fornax cluster survey: Stirring and stripping of the molecular gas in cluster galaxies”
- 2018 **European Week of Astronomy and Space Science/National Astronomy Meeting (EWASS/NAM)**, “The ALMA Fornax cluster survey: How do dense environments drive galaxy evolution?”