Dr. Saumyadip Samui

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Vivekananda Palli, Link Road,
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West Bengal, 712601, India

Date of birth: 17th March, 1980

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Present Position: Coordinator and Assistant Professor, School of Astrophysics, Presidency University, Kolkata, India from June 2022

Past Positions:

1. Assistant Professor, Department of Physics, Presidency University, Kolkata, India from August 2013 to June 2022
2. Post doctoral fellow at University of Kwazulu-Natal, Durban, South Africa from October, 2011 to July 2013
3. Post doctoral fellow (visiting) at IUCAA, Pune, India from August, 2011 to October 2011
4. Post doctoral fellow at SISSA, Trieste, Italy from October, 2009 to July, 2011

Broad area of interest: Star formation and associated feedback in high redshift galaxies, reionzation, galactic outflows and metal enrichment of IGM, physical state of IGM, AGN activity in high-z galaxies, infra-red properties of galaxies, constraining neutrino mass from cosmological probe, physics of cluster of galaxies, measurement of Sunyaev-Zel'dovich effect in ACT data, Neural networks for obtaining photometric redshift, genetic algorithm, Cosmological simulations

Publications : Total Number of published paper 34 including 4 conference proceedings
Total citations 924, H-index 17, g-index 27

Educational Details :

Degree	Year of Passing	University/ Institution	% of Marks	Remarks
Secondary	1996	West Bengal Board of Secondary Education	84.3	1st Division
High School	1998	West Bengal Council of Higher Secondary Education	83.1	1st Division
B. Sc. (Physics)	2001	Jadavpur University	78.8	1st Class, Rank 2nd
M. Sc. (Physics)	2003	IIT Kanpur	7.4 (CPI)	–

- Ph. D. from University of Pune, Pune, India, 2009;

Working institute :	Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune, India
Thesis Title :	Physics of structure formation and intergalactic medium
Thesis Supervisors:	Prof. Kandaswamy Subramanian , IUCAA, Pune, India Prof. Raghunathan Srianand , IUCAA, Pune, India

Scholarships/ Fellowships:

- National Scholarship for rural students (class VIII), India, 1994.
- National Merit Scholarship in Secondary (Class X), India, 1996.
- National Merit Scholarship in Higher Secondary (Class XII), India, 1998.
- National Scholarship in Bachelor of Science, India, 2001.
- CSIR-UGC research fellow 2003-2008 (Qualified in national eligibility test (NET), 2003), India.
- INAF, Italy associate from November, 2009 to October 2011
- Associate of IUCAA, Pune, India from August 2014 to present
- Member of SKA India Consortium and SKAIC Science Committee
- Member of International Astronomical Union

Referring in International Journals:

- Monthly Notices of the Royal Astronomical Society (MNRAS), Royal Astronomical Society, UK.
- The Astrophysical Journal, IOPscience Publishing, USA
- Journal of Astrophysics and Astronomy, Co-published by Indian Academy of Sciences and Astronomical Society of India

Media Coverage:

- *Zap goes a chunk of our cosmic past* : New Scientist Article on our work "Can cosmic rays heat inter-galactic medium", 29th June, 2005
- *Code shines a light on distant galaxies* : Nature-India research highlights of our Photometric redshift estimator code CuBANz, 17th Nov, 2016

Teaching and Other academic activities:

- Teaching MSc courses at Presidency University: General Theory of relativity, Advanced Classical Mechanics, Advance Astrophysics Laboratory Courses, Numerical methods and computational techniques
- Project supervisor of SKA bursary students at UKZN in December 2011 - February 2012
  Student Name: Precious Sikhosana
  Project : Type Ia Supernova and the accelerating Universe
- A course on "basic introduction to Latex" to the SKA bursary students at UKZN in December 2011
- Project supervisor of School students' summer projects in 2004 and 2005 at IUCAA.

- Teaching assistanceship for graduate school at IUCAA on
  1. Galaxies: structure, dynamics and evolution in 2005
  2. Extra-galactic Astronomy I & II in 2008
- Participated in science popularization programs at IUCAA from 2004 to 2010
- Organiser of IUCAA Science day Quiz competition during 2005 - 2009
- Local organizing committee member of Young Astronomers' meet, IUCAA, Pune, India, 2005
- Participated in science verification programme for IUCAA Girawali observatory ; spent about 20 nights taking photometric and spectroscopic observations (long slit as well as Echelle) of high redshift quasars and analyzing the data
- Organiser of 'ACRU Thursday Seminar Series' in University of Kwazulu-Natal, 2012
- Organiser of 'ACRU Journal Club' in University of Kwazulu-Natal, 2013
- Local Organiser of Topical Conference on Gravity and Cosmology - Eastern Region at Presidency University, India, 9th Aug, 2014
- Resource persion of School on Recent Trends and Developments in GR and Cosmology at CCSU, March 11-12, 2016
- Local Organiser of Advanced School on Gravitational Waves at Presidency University, India, 12-16th Dec, 2016
- Organiser of Meeting on Plasma Universe and its Structure Formation at IUCAA, India, August 30 - September 1, 2017
- Local Organiser of conference on "Universe after the first 200 million years Cosmic Dawn, Reionization and Post reionization with 21cm" at Presidency University, Kolkata, 11-13 December, 2017

Research Guidance to Masters Students

- Student: Sayakdip Das
  Thesis Title: Galaxy number counts in the era of James Webb Space Telescope (JWST)
  Year: 2023
- Student: Supriyo Adhikary
  Thesis Title: On the possibility of detecting Population III galaxies/stars by JWST
  Year: 2023
- Student: Rupam Sarkar
  Thesis Title: Constraining the neutrino mass
  Year: 2022
- Student: Nabanita Das
  Thesis Title: A possible Numerical Approach to the Cosmological Li Problem
  Year: 2021
- Student: Rudrapriya Das
  Thesis Title: Radiation due to interaction of Cosmic Ray with interstellar medium
  Year: 2020

- Student: Madhumita Das
  Thesis Title: Forecasting Sunspot Number Using Back-propagation Neural Network
  Year: 2020
- Student: Bipula Sarkar
  Thesis Title:Prediction of Sunspot Number Using Genetic Algorithm
  Year: 2020
- Student: Agniva Roychowdhury
  Thesis Title: Possible Astrophysical Origin of void magnetic fields
  Year: 2018
- Student: Prerana Biswas
  Thesis Title: Classifing Stars and Galaxies using Back Propagation Neural Network
  Year: 2017
- Student: Arnab Sarkar
  Thesis Title : Understanding the redshift evolution of Lyman-α luminosity functions using SNe feedback star formation model
  Year: 2016
- Student: Himadri Roy
  Thesis Title: Matched filter search for ionized bubbles in 21-cm maps
  Co-supervisor: Kanan Kumar Dutta
  Year: 2016
- Student: Arnab Paul
  Thesis Title : Spreading of Metals and Magnetic Fields in the Voids by Outflows from Void Galaxies
  Year: 2015
- Student: Palash Nandi
  Thesis Title : Characterization of a Charge Coupled Device and Analysis of the Deep Extragalactic Evolutionary Probe 2 (DEEP 2) Data
  Co-supervisor: Suchetana Chatterjee
  Year: 2015
- Student: Soumen Kumar Bera
  Thesis Title : Effect of Massive Neutrinos in Cosmological Reionization
  Yesr: 2014
- Student : Tapan Kumar Sasmal
  Thesis Title: Variation of number of galaxies in presence of massive neutrinos in Universe
  Yesr: 2014
- Student: Abhijit Mandal
  Thesis Title : GRB rate in high redshift Universe
  Year: 2014

Externally Funded Projects

- "Exploring the nature of galaxies at $z = 10$ and beyond and the associated feedback as probed by JWST", May 2023 to April 2026, State University Research Excellence (SERB SURE)
- "Optical Monitoring of variable stars and transients with a 14 inch telescope" , April 2020-March 2023, INR 31, 17, 100/- DAE-BRNS, Kanan Kumar Datta (PI: 2020-2021, Co-I), Ritaban Chatterjee (Co-I), Suchetana Chatterjee (Co-I), **Saumyadip Samui** (Co-I: 2020-2021, PI)
- Title : Study of galactic outflows and their effects on the inter galactic medium
  UCG funded project for a period of two years starting from April, 2015, valued Rs. 6 lacs.

Conferences and workshops participated :

1. Workshop on high performance computing October 5 - 9, 2004, IUCAA, Pune, India.
2. XXIII Annual Meeting of Astronomical Society of India, February 21 - 24, 2005 Nainital, India
3. 29th International Cosmic Ray Conference, August 03 - 10, 2005,Pune, India
4. 9th Young Astronomers' Meet, November 29 - December 2, 2005, IUCAA, Pune, India
5. Introductory Workshop on Astrophysics, December 20 - 24, 2006, Mohanlal Sukhadia University, Udaipur, Rajasthan, India.
6. IUCAA-MPA workshop on 'Astrophysics and Cosmology', March 5 - 9, 2007, IUCAA, Pune, India
7. School on Astrophysical Fluid Dynamics, October 15 - 26, 2007, ICTP, Italy
8. Cosmology with the CMB and LSS, July 21 - August 31, 2008, IUCAA, India
9. Cosmological evolution in diffuse baryons: Reionization epoch to the present day, 30 November - 3 December 2008, Orange County, Coorg, India.
10. School on Astrophysical Turbulence and Dynamos, 20 - 30 April 2009, ICTP, Miramare, Trieste, Italy.
11. XXVth IAP Annual Colloquium "The Lyman alpha Universe", 6 - 10 July 2009, Paris.
12. First IUCAA Reunion Meeting - 2009, August 11 - 14, 2009, IUCAA, Pune, India.
13. Cosmological Reionization Meeting, 16 - 20 February 2010, Harish-Chandra Research Institute, Allahabad, India
14. Tercentenary of the Laplace-Runge-Lenz Vector, 23 - 27 November, 2011, Salt Rock, South Africa
15. Cape Town Cosmology School at STIAS, Cape Town, 15 - 28 January, 2012
16. UKZN-IUCAA mini workshop at UKZN, Durban, 10-11 April, 2012
17. India - South Africa Astronomy Workshop, 6 - 9 August, 2012, SAAO, Cape Town, South Africa

18. CHPC 2012 National Meeting at ICC, Durban, South Africa, 3-7 December 2012
19. SKA-KZN workshop: 12 December 2012, UKZN, South Africa
20. Conference on "High energy emission from AGN" at University of Kashmir, Srinagar, October 7-9, 2013
21. Workshop on "Galaxies and Cosmology" at NCRA, Pune, India during July 7-18, 2014
22. Topical Conference on Gravity and Cosmology - Eastern Region at Presidency University, India, 9th Aug, 2014
23. Workshop on Statistical Applications to Cosmology and Astrophysics, at ISI, Kolkata, 9-12 Feb, 2015
24. Topical Conference on Gravity and Cosmology - Eastern Region at IISER, Kolkata, India, 9th Sep, 2015
25. School on Recent Trends and Developments in GR and Cosmology at CCSU, March 11-12, 2016
26. CCSU Astronomy and Astrophysics School at CCSU, Assam, India, June 21 - July 12, 2016
27. Topical Conference on Gravity, Cosmology and Astrophysics - Eastern Region at Visva-Bharati, Santiniketan on September 24, 2016
28. Advanced School on Gravitational Waves at Presidency University, India, 12-16th Dec, 2016
29. Meeting on Plasma Universe and its Structure Formation at IUCAA, India, August 30 - September 1, 2017
30. Conference on "Universe after the first 200 million years Cosmic Dawn, Reionization and Post reionization with 21cm" at Presidency University, Kolkata, 11-13 December, 2017
31. The 36thAnnual Meeting of the Astronomical Society of India (ASI), Osmania University, Hyderabad, 5 - 9 February, 2018
32. Introductory School on Galaxy Formation and a one day workshop at NISER, Bhubaneswar, 13-16 March, 2018
33. 40th Annual Meeting of the Astronomical Society of India (ASI), hosted jointly by IIT Roorkee and ARIES Nainital during 25-29 March 2022.

Invited talks at conferences and seminars :

1. *Can Cosmic Rays Heat the Intergalactic Medium?* : an oral presentation delivered at 29th International Cosmic Ray Conference, August 03 - 10, 2005,Pune, India.
2. *Biography of Stars* : A review lecture given to Masters' degree students of Ferguson Collage, Pune, India as a part of their course, January 18, 2006.
3. *Global Star Formation Rate of the Universe* : an oral presentation delivered as a part of IUCAA-NCRA informal discussion group, September 23, 2005.
4. An demonstration on "Spectroscopy by IRAF" delivered to the Summer School students at IUCAA, 2006 as well as in 2007.

5. Demonstrations on "Spectroscopy and photometry by IRAF" and "LHeasoft – the x-ray software" at Mohanlal Sukhadia University, Udaipur, Rajasthan, India, 2006.
6. *Reionization of the Universe* : A review lecture given to Presidency Collage, Kolkata, India as a part of their course work, January 30, 2007.
7. *Star formation, luminosity function and galactic outflows* : Informal astronomical talk delivered at SISSA, Italy, October 31, 2007.
8. *Constrained semi-analytical model of galactic outflows* : Cosmological seminar given at MPA, Germany, November 6, 2007.
9. *Semi-analytic models of galactic outflows* : oral presentation given in the workshop on Cosmology with CMB and LSS at IUCAA, August 16, 2008
10. *Lyman-a emitters in the high redshift universe* : invited talk at the Cosmological evolution in diffuse baryons: Reionization epoch to the present day conference at Coorg, India, on December 2, 2008.
11. *Cosmic ray driven galactic wind* : Oral presentation at School on Astrophysical Turbulence and Dynamos at ICTP, Italy on April 25, 2009
12. *Cosmic ray driven galactic outflows* : Journal Club talk given at SISSA, Italy on December 2, 2009
13. *Semi-analytical model of high redshift galaxy luminosity functions* : Contributed talk at the Cosmological Reionization meeting at HRI, Allahabad, India on 19 February , 2010
14. *Semi-analytical models of high redshift galaxy formation including Supernova feedback* : Oral presentation in UKZN-IUCAA mini workshop at UKZN, Durban on April 11, 2012
15. *Constraining neutrino masses using high redshift luminosity function* : ACRU Group meeting Talk at UKZN, Durban, on 18th May, 2012
16. *Global 21cm reionization signal - An overview* : ACRU Group meeting Talk at UKZN, Durban, on 3rd August, 2012
17. *Star formation in high redshift galaxies including supernova feedback* : Oral presentation in CHPC conference at ICC, Durban on Decmber 6, 2012
18. *Feedback induced star formation in high redshift galaxies*, contributed talk at conference on "High energy emission from AGN" at University of Kashmir, Srinagar, October 9, 2013
19. *Understanding the high redshift universe: a semi-analytical approach* : invited talk given at workshop on Galaxies and Cosmology at NCRA, Pune on July 18, 2014
20. *Understanding the metal budget of the cosmos* : Contributed talk at workshop on Statistical Applications to Cosmology and Astrophysics, at ISI, Kolkata, 12 Feb, 2015
21. *Observational cosmology: A history of the Universe* : Invited talk at school on Recent Trends and Developments in GR and Cosmology at CCSU, March 11-12, 2016
22. *An overview of Galaxies* : Invited lecture series at CCSU Astronomy and Astrophysics School at CCSU, Assam, India, June 21 - 22, 2016
23. *CuBANz: A Photometric redshift estimator* : Invited talk at TCGCA-ER6, Visva-Bharati, Santiniketan on September 24, 2016

24. *Cosmic rays driven outflows from high redshift galaxies* : Invited talk at Meeting on Plasma Universe and its Structure Formation at IUCAA, India, August 30, 2017
25. *Probing galaxies responsible for reionization with the UV luminosity functions* contributed talk at conference on "Universe after the first 200 million years Cosmic Dawn, Reionization and Post reionization with 21cm" at Presidency University, Kolkata, 12 December, 2017
26. *Cosmic rays driven outflows from high-z galaxies:* Invited talk presented at the 36thAnnual Meeting of the Astronomical Society of India (ASI), Osmania University, Hyderabad, 6 February, 2018.
27. *Outflows from high-z galaxies*: Invited talk given at Introductory School on Galaxy Formation and a one day workshop, NISER, Bhubaneswar, 16 March, 2018.

List of Publications (In Reverse Chronological Order)

1. *Studying cosmic dawn using redshifted HI 21-cm signal: A brief review* by Ankita Bera, Raghunath Ghara, Atrideb Chatterjee, Kanan K Datta, **Saumyadip Samui**, 2023, Journal of Astrophysics and Astronomy, Volume 44, Issue 1, article id.10, impact factor 1.61, citation 1
2. *Impact of cosmic rays on the global 21-cm signal during cosmic dawn* by Ankita Bera, **Saumyadip Samui**, Kanan K Datta, 2023, Monthly Notices of the Royal Astronomical Society, Volume 519, Issue 4, pp.4869-4883, impact factor 5.2, citation 6
3. *Exploring the voids: Luminosity functions and magnetic field* by Agniva Roychowdhury, **Saumyadip Samui**, 2022, New Astronomy, Volume 92, article id. 101718, impact factor 1.33,
4. *Primordial magnetic fields during the cosmic dawn in light of EDGES 21-cm signal*, by Ankita Bera, Kanan K Datta, **Saumyadip Samui**, 2020, Monthly Notices of the Royal Astronomical Society, Volume 498, Issue 1, pp.918-925, impact factor 5.2, citation 11
5. *On the Star Formation Efficiency in High-redshift Ly-α Emitters* by Arnab Sarkar, **Saumyadip Samui**, 2019, Publications of the Astronomical Society of the Pacific, 131, 1001, 074101 impact factor 3.4, citation 4
6. *A new technique for time series forecasting by using symbiotic organisms search* by Shanoli Samui Pal, **Saumyadip Samui**, Samarjit Kar, 2019, Neural Computing and Applications, https://doi.org/10.1007/s00521-019-04134-8, impact factor 4.2, citation 1
7. *Efficient cold outflows driven by cosmic rays in high-redshift galaxies and their global effects on the IGM* by **Saumyadip Samui**, Kandaswamy Subramanian, Raghunathan Srianand, 2018, Monthly Notices of the Royal Astronomical Society, 476, 1680, impact factor 5.2, citation 35
8. *Photo-z with CuBANz: An improved photometric redshift estimator using Clustering aided Back Propagation Neural network* by **Saumyadip Samui** and Shanoli S. Pal, 2017, New Astronomy, 51, 169, impact factor 1.4, citation 9
9. *Modelling the 21 cm Signal From the Epoch of Reionization and Cosmic Dawn* by T. Roy Choudhury, Kanan Datta, Suman Majumdar, Raghunath Ghara, Aseem Paranjape, Rajesh Mondal, Somnath Bharadwaj and

Saumyadip Samui, 2016, Journal of Astrophysics and Astronomy, 37, 29 impact factor 0.3, citation 3

10. *Star formation in high redshift galaxies including Supernova feedback: effect on stellar mass and luminosity functions* by **Saumyadip Samui**, 2014, New Astronomy, 30, 89, impact factor 1.4, citation 11
11. *Variability in Low Ionization Broad Absorption Line Outflows* by M. Vivek, R. Srianand , P. Petitjean, V. Mohan, A. Mahabal & **S. Samui**, 2014, MNRAS, 440, 799, impact factor 5.2, citation 35
12. *Spatial Clustering of high redshift Lyman Break Galaxies* by Charles Jose, Kandaswamy Subramanian, Raghunathan Srianand, **Saumyadip Samui**, 2013, Monthly Notices of the Royal Astronomical Society, 429, 2333, impact factor 5.2, citation 19
13. *SSDNA Cutter v0.0 a new in silico RFLP tool in C* by Somnath Chakravorty, **Saumyadip Samui** and Ratan Gachhui, 2012, Advances in Bioscience and Biotechnology, 3, 321, impact factor 1.8, citation 2
14. *Weighing neutrinos using high redshift galaxy luminosity functions* by Charles Jose, **Saumyadip Samui**, Kandaswamy Subramanian, Raghunathan Srianand, 2011, Physical Review D, 83, 123518, impact factor 4.6, citation 9
15. *A search for debris disks in the Herschel ATLAS* by M. A. Thompson, D. J. B. Smith, J. A. Stevens, M. J. Jarvis, E. Vidal Perez, J. Marshall, L. Dunne, S. Eales, G. J. White, L. Leeuw, B. Sibthorpe, M. Baes, E. Gonzalez-Solares, D. Scott, J. Vieiria, A. Amblard, R. Auld, D. G. Bonfield, D. Burgarella, S. Buttiglione, A. Cava, D. L. Clements, A. Cooray, A. Dariush, G. de Zotti, S. Dye, S. Eales, D. Frayer, J. Fritz, J. Gonzalez-Nuevo, D. Herranz, E. Ibar, R. J. Ivison, G. Lagache, M. Lopez-Caniego, S. Maddox, M. Negrello, E. Pascale, M. Pohlen, E. Rigby, G. Rodighiero, **S. Samui**, S. Serjeant, P. Temi, I. Valtchanov, A. Verma, 2010, A&A, 518, 134, impact factor 4.6, citation 18
16. *The Herschel-ATLAS: The dust energy balance in the edge-on spiral galaxy UGC 4754* by M. Baes, J. Fritz, D. A. Gadotti, D. J. B. Smith, L. Dunne, E. da Cunha, A. Amblard, R. Auld, G. J. Bendo, D. Bonfield, D. Burgarella, S. Buttiglione, A. Cava, D. Clements, A. Cooray, A. Dariush, G. de Zotti, S. Dye, S. Eales, D. Frayer, J. Gonzalez-Nuevo, D. Herranz, E. Ibar, R. Ivison, G. Lagache, L. Leeuw, M. Lopez-Caniego, M. Jarvis, S. Maddox, M. Negrello, M. Michalowski, E. Pascale, M. Pohlen, E. Rigby, G. Rodighiero, **S. Samui**, S. Serjeant, P. Temi, M. Thompson, P. van der Werf, A. Verma, C. Vlahakis, 2010, A&A, 518, 39, impact factor 4.6, citation 82
17. *Herschel-ATLAS: Blazars in the science demonstration phase field* by J. Gonzalez-Nuevo, G. De Zotti, P. Andreani, E. J. Barton, F. Bertoldi, M. Birkinshaw, L. Bonavera, S. Buttiglione, J. Cooke, A. Cooray, G. Danese, L. Dunne, S. Eales, L. Fan, M. J. Jarvis, H-R. Klockner, E. Hatziminaoglou, D. Herranz, D. H. Hughes, A. Lapi, A. Lawrence, L. Leeuw, M. Lopez-Caniego, M. Massardi, T. Mauch, M. J. Micha lowski, M. Negrello, S. Rawlings, G. Rodighiero, **S. Samui**, S. Serjeant, J.D. Vieira, G. White, A. Amblard, R. Auld, M. Baes, D.G. Bonfield, D. Burgarella, A. Cava, D. L. Clements, A. Dariush, S. Dye, D. Frayer, J. Fritz, E. Ibar, R. J. Ivison, G. Lagache, S. Maddox, E. Pascale, M. Pohlen, E. Rigby, B. Sibthorpe, D. J. B. Smith, P. Temi, M. Thompson,

I. Valtchanov, A. Verma, 2010, A&A, 518, 38, impact factor 4.6, citation 25

18. *Herschel ATLAS: The angular correlation function of submillimetre galaxies at high and low redshift* by S. J. Maddox, L. Dunne, E. Rigby, S. Eales, A. Cooray, D. Scott, J. A. Peacock, M. Negrello, D. J. B. Smith, D. Benford, A. Amblard, R. Auld, M. Baes, D. Bonfield, D. Burgarella, S. Buttiglione, A. Cava, D. Clements, A. Dariush, G. de Zotti, S. Dye, D. Frayer, J. Fritz, J. Gonzalez-Nuevo, D. Herranz, E. Ibar, R. Ivison, M. J. Jarvis, G. Lagache, L. Leeuw, M. Lopez-Caniego, E. Pascale, M. Pohlen, G. Rodighiero, **S. Samui**, S. Serjeant, P. Temi, M. Thompson, A. Verma, 2010, A&A, 518, 11, impact factor 4.6, citation 57

19. *The Herschel-ATLAS: Evolution of the 250μm luminosity function out to z=0.5* by S. Dye, L. Dunne, S. Eales, D. J. B. Smith, A. Amblard, R. Auld, M. Baes, I. K. Baldry, S. Bamford, A. W. Blain, D. G. Bonfield, M. Bremer, D. Burgarella, S. Buttiglione, E. Cameron, A. Cava, D.L. Clements, A. Cooray, S. Croom, A. Dariush, G. de Zotti, S. Driver, J. S. Dunlop, D. Frayer, J. Fritz, Jonathan P. Gardner, H. L. Gomez, J. Gonzalez-Nuevo, D. Herranz, D. Hill, A. Hopkins, E. Ibar, R. J. Ivison, M. J. Jarvis, D. H. Jones, L. Kelvin, G. Lagache, L. Leeuw, J. Liske, M. Lopez-Caniego, J. Loveday, S. Maddox, M. J. Michalowski, M. Negrello, P. Norberg, M. J. Page, H. Parkinson, E. Pascale, J. A. Peacock, M. Pohlen, C. Popescu, M. Prescott, D. Rigopoulou, A. Robotham, E. Rigby, G. Rodighiero, **S. Samui**, D. Scott, S. Serjeant, R. Sharp, B. Sibthorpe, P. Temi, M. A. Thompson, R. Tuffs, I. Valtchanov, P. P. van der Werf, E. van Kampen, A. Verma, 2010, A&A, 518, 10, impact factor 4.6, citation 61

20. *Herschel-ATLAS: Dust temperature and redshift distribution of SPIRE and PACS detected sources using submillimetre colours* by A. Amblard, A. Cooray, P. Serra, P. Temi, E. Barton, M. Negrello, R. Auld, M. Baes, I. K. Baldry, S. Bamford, A. Blain, J. Bock, D. Bonfield, D. Burgarella, S. Buttiglione, E. Cameron, A. Cava, D. Clements, S. Croom, A. Dariush, G. de Zotti, S. Driver, J. Dunlop, L. Dunne, S. Dye, S. Eales, D. Frayer, J. Fritz, Jonathan P. Gardner, J. Gonzalez-Nuevo , D. Herranz, D. Hill, A. Hopkins, D. H. Hughes, E. Ibar, R.J. Ivison, M. Jarvis, D. H. Jones, L. Kelvin, G. Lagache, L. Leeuw, J. Liske, M. Lopez-Caniego, J. Loveday, S. Maddox, M. Michalowski, P. Norberg, H. Parkinson, J. A. Peacock, C. Pearson, E. Pascale, M. Pohlen, C. Popescu, M. Prescott, A. Robotham, E. Rigby, G. Rodighiero, **S. Samui**, A. Sansom, D. Scott, S. Serjeant, R. Sharp, B. Sibthorpe, D.J.B. Smith, M.A. Thompson, R. Tuffs, I. Valtchanov, E. Van Kampen, P. Van der Werf, A. Verma, J. Vieira, C. Vlahakis, 2010, A&A, 518, 9, impact factor 4.6, citation 117

21. *The Herschel-ATLAS: Extragalactic Number Counts from 250 to 500 Microns* by D. L. Clements, E. Rigby, S. Maddox, L. Dunne, A. Mortier, C. Pearson, A. Amblard, R. Auld, M. Baes, D. Bonfield, D. Burgarella, S. Buttiglione, A. Cava, A. Cooray, A. Dariush, G. de Zotti, S. Dye, S. Eales, D. Frayer, J. Fritz, Jonathan P. Gardner, J. Gonzalez-Nuevo, D. Herranz, E. Ibar, R. Ivison, M.J. Jarvis, G. Lagache, L. Leeuw, M. Lopez-Caniego, M. Negrello, E. Pascale, M. Pohlen, G. Rodighiero, **S. Samui**, S. Serjeant, B. Sibthorpe, Douglas Scott, D. J. B. Smith, P. Temi, M. Thompson, I. Valtchanov, P. van der Werf, A. Verma, 2010, A&A, 518, 8, impact factor 4.6, citation 100

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