

Curriculum Vitae

(6th February 2017)

Name : Ramana Manu Athreya
Date of Birth : 28 December 1966
Nationality : Indian
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India.
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Occupation : Associate Professor (Physics & Biology)
Indian Institute of Science Education & Research (IISER) Pune
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Trustee, and Coordinator – Biodiversity Research & Conservation
EcoSystems-India, Guwahati, India

Educational qualifications : PhD 1996 Tata Institute of Fundamental Research
Multi-frequency Studies of High Redshift Radio Galaxies

M.Sc Physics 1989 Indian Institute of Technology, Kanpur
(5-yr Integrated)

Pre-University 1984 National College, Bangalore

Professional appointments : 2009-present Astronomer & Ecologist (Associate Professor – G)
IISER-Pune

2008-2009 Astronomer (Reader-F) NCRA-TIFR

2003-2008 Astronomer (Fellow-E) NCRA-TIFR

1999-2002 ESO Post-doctoral Fellowship, European Southern
Observatory, Chile

1998-1999 Indo-French CEFIPRA Post-doctoral Fellow, l'Institut
d'Astrophysique, Paris, France

1997 Post-doctoral Fellow, NCRA-TIFR

1989-1996 (PhD) Research Scholar, NCRA-TIFR

Until 2009 I worked as an astronomer while working on natural history
and biodiversity conservation in my spare time.

Since then I have a faculty position in both biology and physics at IISER
Pune, where I run a molecular ecology lab and do research in both
ecology and astronomy with my PhD students, and also contribute to
biodiversity conservation

Research Interests - Past & Present

Astronomy

1. Extragalactic Radio Sources and other AGNs
2. High Redshift Universe and Cosmology
3. Gravitational weak-lensing by clusters of galaxies
4. Low frequency Radio Astrophysics
 - a) Radio halos and relics in clusters of galaxies
 - b) Radio sources in groups and clusters of galaxies (halos, relics)
 - c) High redshift spectral line studies
 - d) Pulsars
 - e) Extra-solar planets (radio regime)
5. High sensitivity imaging algorithms

Ecology

6. Natural History (Birds, lepidoptera, herpetofauna)
7. Biological diversity: distribution patterns and processes
8. Speciation processes
9. Conservation

Science Outreach

1. KVPY Summer programme, June 2009, IISER-Pune
2. INSPIRE Programme for high school students, 2010, Srinagar, Uttarakhand
3. INSPIRE programme for college students, 2013, Shimoga, Karnataka
4. INSPIRE programme for school students, 2016, Shimoga, Karnataka

Pedagogical Courses

Course	Level (year)	
1. Introduction to Astronomy & Astrophysics	3 rd , 4 th	2009, 2010, 2011, 2013, 2015
2. Methods of Scientific Enquiry	1 st	2010
3. Undergraduate Physics Laboratory	1 st	2010, 2011, 2012, 2017
4. Mathematical Methods	1 st	2013
5. Biostatistics	3 rd	2013, 2014, 2015, 2016
6. Ecology Field Research (summer)	Any	Every summer since 2009

Other Academic Activities

1. Member, IISER-Pune Undergraduate 5th year research committee (2009 - 2010)
2. Chairperson, IISER-Pune Summer Programme committee (2010 – present)

Awards & Honours

1. Wildlife Conservation Award, Worldwide Fund for Nature, India; 2007
2. Member, Arunachal Pradesh State Wildlife Advisory Board, India; from 2009
3. Whitley Award, Whitley Fund for Nature, United Kingdom; 2011
4. Release of postage stamp related to my work in the series “*Endemic Species of Indian Biodiversity Hotspots*” at the XI Conference of Parties to the Convention on Biological Diversity, Hyderabad, 2012, by the Dept of Posts, Govt of India



Financial Awards

Astronomers are allocated observing time on shared facilities through a competitive peer-reviewed proposal process, effectively equivalent to allocation of research funds. I have obtained such observing time at various telescopes around the world including the Very Large Array radio telescope (NRAO, USA), Vainu Bappu optical Telescope (IIA, India), ESO 3.6m optical telescope (ESO, Chile), Very Large Telescope (ESO, Chile), Carnegie Observatories telescopes (OCIW, Chile), and GMRT (TIFR, India). During the last decade I have obtained about 75 hours of time every year on the average (for reference: My entire PhD required 48 hours of time on the VLA)

1.	Oriental Bird Club, UK, and World Pheasant Association, India for <i>Faunal Survey of Namdapha National Park</i>	1996	INR 30K
2.	Indo-French CEFIPRA – Independent postdoctoral fellowship	1998	2 years
3.	European Southern Observatory, Germany – Independent postdoctoral fellowship	1999	3 years
5.	Rufford-Maurice-Laing Foundation, UK, for Conservation in Arunachal Pradesh	2003	GBP 5,000
4.	National Science Foundation, via University of Chicago, for <i>Planning visit for biodiversity research in Arunachal Pradesh</i>	2010	USD 4800
6.	Ford Foundation, India, for Conservation in Arunachal Pradesh	2005	INR 600K
7.	Nadathur Conservation Trust, India for Conservation in Arunachal	2007	INR 500K
8.	Whitley Award, Whitley Fund for Nature, UK	2011	GBP 30K
9.	Nadathur Trust, India for Conservation work in Arunachal Pradesh (2011 - 2017)	2011	INR 4.5M
10.	Dept of Science & Technology, Govt of India, for <i>Elevational species diversity patterns in the Eastern Himalayas (2012-2015)</i>	2012	INR 3.35M
11.	Govt of Arunachal Pradesh for Expert Recommendation for minimising damage to wildlife habitats from infrastructure projects	2012	INR 1.2M

Professional Meets Attended

Ecology & Conservation

1. Invited Talk, September 2009, North-east Hill University, Shillong, Meghalaya, India: SCAPES workshop on “Ecosystem Services”
2. Invited Talk, October 2009, University of Guwahati, India, Dept of Science & Technology, Govt of India workshop: North-east India wildlife initiative
3. Invited Talk, October 2009, India Habitat Centre, New Delhi, India, CMS Vatavaran seminar: Conservation-oriented Ecotourism
4. Invited Talk, YETI (Annual Meeting of Young Ecologists), December 2011, Guwahati on *Conservation in North-east India*
5. Invited Talk, National Conference on Biodiversity Assessment, Conservation and Utilization, 2012, Pune on *Community Conservation in Arunachal Pradesh*
6. Invited Talk, Indo-French Conference, Hyderabad, 2014 on *Taxonomy: Future Goals and Challenges*
7. Indian conference on behaviour, ecology and evolution, Ramnagar, March 2016, *Elevational Profile of Species Diversity in the Eastern Himalayas, Oral presentation*
8. Invited Talk, Conference titled India's Biodiversity – the importance of Reserves, New Delhi, May 2014, Protected Areas and Buffer Zones in Arunachal Pradesh
9. Invited Talk, Indian National Science Academy Symposium, Guwahati, October 2016, *Biological Diversity Research & Conservation in Arunachal Pradesh – An Integrated Approach*
10. Invited Speaker, Science for Biodiversity Forum, Convention for Biological Diversity, Cancun, Mexico, December 2016, *Biological Diversity of Arunachal Pradesh – from Research to Conservation*

Astronomy

11. GMRT Winter School in Pune, India (December, 1989).
12. Asia-Pacific Meet in Pune, India (August, 1993).
13. Indo-US Workshop on Quasars and AGNs in Pune, India (December, 1993).
14. IAU Symp. 175 on Extragalactic Radio Sources in Bologna, Italy (October, 1995) – Oral Presentation
15. The Most Distant Radio Galaxies in Amsterdam, The Netherlands (October, 1997) – Oral Presentation
16. NATO/ASI Summer School in Observational Cosmology in Cargese, France (August, 1998)
17. Gravitational Lensing : Recent Results and Future Goals in Boston, USA (July, 1999) – Poster Presentation
18. IAU Symp. 199 on The Universe at Low Radio Frequencies in Pune, India (November, 1999)
19. 2nd Princeton-PUC workshop on Astrophysics: Dark Matter and Gravitational Lensing in San Pedro de Atacama, Chile (July, 2000).
20. Asia-Pacific Meet in Tokyo, Japan (July, 2002)
21. International Union of Radio Sciences (URSI) in Chicago, USA (August, 2008) – Oral presentation
22. Low Frequency radio Universe in Pune, India (December, 2008)
23. Invited talk, August 2010, at a workshop on *Radio Astronomy Calibration and Imaging: CALIM 2010 – the 5th SKA workshop*, the Netherlands in August 2010
24. International Union for Radio Sciences (URSI) General Assembly, Istanbul, Turkey, 2011 – Oral Presentation

Talks at Institutions/Universities

1. Field Museum, Chicago, 2010, on *Biodiversity research and conservation in Arunachal*
2. National Centre for Biological Sciences, Bengaluru, September 2013, *Ecological Research in the Eastern Himalayas*
3. Colloquium speaker, Tata Institute of Fundamental Research, August 2016, *Biological Diversity Research and Conservation in Arunachal Pradesh*
4. Observatories of the Carnegie Institution of Washington, Pasadena, USA, 1997, on *High Redshift Radio Galaxies*
5. California Institute of Technology, Pasadena, USA, 1997, on *High Redshift Radio Galaxies*
6. Institute of Geophysics & Planetary Physics, Lawrence Livermore National Laboratories, Livermore, USA, 1997, on *High Redshift Radio Galaxies*
7. National Optical Astronomy Observatory, Tokyo, 1999, on *Gravitational Lensing in Galaxy Clusters*
8. Tata Institute of Fundamental Research, Mumbai, 2008, on *Radio Frequency Intereference Mitigation*
9. Invited talks 2009, on *Radio Frequency Intereference Mitigation*
 - a) National Radio Astronomy Observatory, Charlottesville, Virginia, USA
 - b) National Radio Astronomy Observatories, Socorro, New Mexico, USA
 - c) Dept of Astronomy, University of Oxford, UK

My Favourite Publications

1. **Athreya, R. M.**, Kapahi, V. K., McCarthy, P. J., van Breugel, W. J. M. (1997) MNRAS, 289, 525, *Steep spectrum radio cores in high redshift galaxies*
 2. **Athreya, R. M.**, Kapahi, V. K. (1998) JApA, 19, 63, *The redshift dependence of spectral index in powerful radio galaxies*
 3. **Athreya, R. M.**, Kapahi, V. K., McCarthy, P. J., van Breugel, W. J. M. (1998) A&A, 329, 809, *Large rotation measures in radio galaxies at $z > 2$*
 4. **Athreya, R. M.**, Mellier, Y., van Waerbeke, L., Fort, B., Pellé, R., Dantel-Fort, M., (2002) A&A, 384, 743, *Weak lensing analysis of MS 1008-1224 with the VLT*
 5. **Athreya, R. M.** (2009) ApJ, 696, 885, *A new approach to mitigation of radio frequency interference in radio interferometric data*
 6. Basu, Rahul; **Athreya, Ramana**; Mitra, Dipanjan (2011) ApJ, 728, 157, *Detection of Off-pulse Emission from PSR B0525+21 and PSR B2045-16*
 7. Westra, E., Jones, D. H., Lidman, C. E., **Athreya, R. M.**, Meisenheimer, K., Wolf, C., Szeifert, T., Pompei, E., Vanzi, L. (2005) *The Wide Field Imager Lyman-Alpha Search (WFILAS) for galaxies at redshift 5.7. I. A spatially compact Ly emitting galaxy at $z=5.721$* . A&A, 430, 21
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1. **Athreya, R. M.** (2006a) *A new species of Liocichla (Aves: Timaliidae) from Eaglenest wildlife sanctuary, Arunachal Pradesh, India*. Indian Birds, 2(4), 82
 2. **Athreya, R. M.**, Singh, V. A. (1990) *Scaling models for flight patterns and sexual dimorphism in raptors*. J. Bombay Nat. Hist. Soc. 87(2), 210

3. **Athreya, R. M.** (2006b) *Eaglenest Biodiversity Project I (2003-2006); Conservation resources for Eaglenest wildlife sanctuary*. Kaati Trust, Pune.

Full Publication List

Only peer-reviewed and conference publications included

Conference contributions have not been listed after the publication of the main article.

Ecology

1. Agarwal, I., Mistry V., **Athreya R. M.** (2009) *A Preliminary checklist of the reptiles of Eaglenest wildlife sanctuary in west Kameng district, Arunachal Pradesh, India*. Russian Journal of Herpetology (accepted for publication)
2. **Athreya, R. M.**, Singh, V. A. (1990) *Scaling models for flight patterns and sexual dimorphism in raptors*. J. Bombay Nat. Hist. Soc. 87(2), 210
3. **Athreya, R. M.** (2006a) *A new species of Liocichla (Aves: Timaliidae) from Eaglenest wildlife sanctuary, Arunachal Pradesh, India*. Indian Birds, 2(4), 82
4. David, P., Agarwal, I., Athreya, R., Mathew, R., Vogel, G., Mistry, V. (2015), *Revalidation of Natrrix clerki, 1925, an overlooked species in the genus Amphiesma Dumeril Bibron & Dumeril, 1854 (Squamata: Natricidae)*
5. Karthikeyan, S., **Athreya, R. M.**, Prasad, J. N. (1993) *A range extension of Calotes nemoricola from the Anaimalais, Western Ghats*. Hamadryad 18: 45-46

(Funded) project reports

1. **Athreya, R. M.** (1997) *A Faunal Survey of Namdapha Tiger Reserve, Arunachal Pradesh, India*. A Project Report for the Oriental Bird Club (U.K.) and The World Pheasant Association
2. **Athreya, R. M.** (2006b) *Eaglenest Biodiversity Project I (2003-2006); Conservation resources for Eaglenest wildlife sanctuary*. Kaati Trust, Pune.
3. **Athreya, R.**, Sheth, C. (2016) *Mitigation of Damage to Wildlife Habitats : Road construction between Banga Jang Gompa and Naga GG, West Kameng District, Arunachal Pradesh* , CONSRA#3, EcoSystems-India, Guwahat
4. **Athreya, R.**, Sheth, C. (2016) *Mitigation of Damage to Wildlife Habitats : Road construction between Etalin and Damro (km 0-13), Dibang Valley District, Arunachal Pradesh* , CONSRA#4, EcoSystems-India, Guwahat

Astronomy

ApJ: Astrophysical Journal (America)

ApJS: Astrophysical Journal Suppl. (Univ of Chicago)

A&A: Astronomy & Astrophysics (European Journal)

MNRAS: Monthly Notices of the Royal Astronomical Society (British)

JapA: Journal of Astrophysics & Astronomy (Indian Academy of Sciences)

1. **Athreya, R. M.**, Kapahi, V. K., McCarthy, P. J., van Breugel, W. J. M. (1997) MNRAS, 289, 525, *Steep spectrum radio cores in high redshift galaxies*
2. **Athreya, R. M.**, Kapahi, V. K. (1998) JApA, 19, 63, *The redshift dependence of spectral index in powerful radio galaxies*

3. **Athreya, R. M.**, Kapahi, V. K., McCarthy, P. J., van Breugel, W. J. M. (1998) A&A, 329, 809, *Large rotation measures in radio galaxies at $z > 2$*
4. **Athreya, R. M.**, Hoekstra, H., Mellier, Y., Cuillandre, J.-C., Narasimha, D., (2001) in Gravitational Lensing : Recent Progress and Future Goals Eds Brainerd T.G., Kochanek C. ASP Conf. Series 237, 303, *Mass Distribution in Abell 370 from Weak-lensing*
5. **Athreya, R. M.**, Mellier, Y., van Waerbeke, L., Fort, B., Pell´, R., Dantel-Fort, M., (2002) A&A, 384, 743, *Weak lensing analysis of MS 1008-1224 with the VLT*
6. **Athreya, R. M.** (2009) ApJ, 696, 885, *A new approach to mitigation of radio frequency interference in radio interferometric data.*
7. Baker, J., Hunstead, R., Bremer, M., Bland-Hawthorne, J., **Athreya, R. M.**, Barr J. (1999) AJ, 121(4), 1821 *Tunable-filter imaging of quasar fields at $z \sim 1$. 1. A cluster around MRC 0450221.*
8. Baker J., Hunstead R., **Athreya R.M.**, Barthel P.D., de Silva E., Lehnert M.D., Saunders R.D.E. (2002) ApJ, 568, 592, *Associated absorption lines in radio quasars 1. CIV absorption and the growth of radio sources*
9. Basu, Rahul; **Athreya, Ramana**; Mitra, Dipanjan (2011) ApJ, 728, 157, *Detection of Off-pulse Emission from PSR B0525+21 and PSR B2045-16*
10. Basu, Rahul; Mitra, Dipanjan; **Athreya, Ramana** (2012) ApJ, 758, 91 *On the Nature of Off-pulse Emission from Pulsars*
11. Bondi, M., Ciliegi, P., Venturi, T., Dallacasa, D., Bardelli, S., Zucca, E., **Athreya, R. M.**, Gregorini, L., Zanichelli, A., Le Fvre, O. (2007) A&A, 463, 519, *The VVDS-VLA deep field. III. GMRT observations at 610 MHz and the radio spectral index properties of the sub-mJy population*
12. Curran, S. J., Whiting, M. T., Murphy, M. T., Webb, J. K., Longmore, S. N., Pihlstrm, Y. M., **Athreya, R.**, Blake, C. (2006) MNRAS, 371, 431, *A survey for redshifted molecular and atomic absorption lines - I. The Parkes half-Jansky flat-spectrum red quasar sample*
13. Curran, S. J., Tzanavaris, P., Darling, J. K., Whiting, M. T., Webb, J. K., Bignell, C., **Athreya, R.**, Murphy, M. T. (2010) MNRAS, 402, 35, *New searches for HI 21 cm in damped Lyman α absorption systems*
14. Curran, S.J.; Whiting, M.T.; Webb, J.K.; **Athreya, R.** (2011) MNRAS, 414, 26 *Localized H I 21-cm absorption towards a double-lobed $z = 0.24$ radio galaxy*
15. Curran, S. J.; Whiting, M. T.; Tanna, A.; Sadler, E. M.; Pracy, M. B.; **Athreya, R.** (2013), MNRAS, 429, 3402 *A survey for H I in the distant Universe: the detection of associated 21-cm absorption at $z = 1.28$*
16. Curran, S.J., Allison, J.R., Whiting, M.T., Sadler, E.M., Combes, F., Pracy, M.B., Bignell, C., **Athreya, R.** (2016) *A search for H I and OH absorption in $z \gtrsim 3$ CO emitters*, MNRAS, 457, 3666
17. Giacintucci, S., Venturi, T., Macario, G., Dallacasa, D., Brunetti, G., Markevitch, M., Cassano, R., Bardelli, S., **Athreya, R.** (2008) A&A, 486, 347, *Shock acceleration as origin of the radio relic in A 521?*
18. Giacintucci, S., Vrtilik, J. M., Murgia, M., Raychaudhury, S., O'Sullivan, E. J., Venturi, T., David, L. P., Mazzotta, P., Clarke, T. E., **Athreya, R. M.** ApJ, 682, 186 *A Giant Metrewave Radio Telescope Multifrequency Radio Study of the Isothermal Core of the Poor Galaxy Cluster AWM4*
19. Giacintucci, S., Venturi, T., Murgia, M., Dallacasa, D., **Athreya, R. M.**, Bardelli, S., Mazzotta, P., Saikia, D. J. (2007) A&A, 476, 99, *Radio morphology and spectral analysis of cD galaxies in rich and poor galaxy clusters*

20. Giacintucci, S.; Dallacasa, D.; Venturi, T.; Brunetti, G.; Cassano, R.; Markevitch, M.; **Athreya, R. M.** (2011) *A&A*, 534, 57, An unlikely radio halo in the low X-ray luminosity galaxy cluster RXC J1514.9-1523
21. Giacintucci, Simona; O'Sullivan, Ewan; Vrtilek, Jan; David, Laurence P.; Raychaudhury, Somak; Venturi, Tiziana; **Athreya, Ramana M.**; Clarke, Tracy E.; Murgia, Matteo; Mazzotta, Pasquale; and 5 coauthors (2011) *ApJ*, 732, 95, A Combined Low-radio Frequency/X-ray Study of Galaxy Groups. I. Giant Metrewave Radio Telescope Observations at 235 MHz AND 610 MHz
22. Giacintucci, Simona; O'Sullivan, Ewan; Clarke, Tracy E.; Murgia, Matteo; Vrtilek, Jan M.; Venturi, Tiziana; David, Laurence P.; Raychaudhury, Somak; **Athreya, Ramana M.** (2012) *ApJ*, 755, 172, Recurrent Radio Outbursts at the Center of the NGC 1407 Galaxy Group
23. Kale, R., Venturi, T., Giacintucci, S., Dallacasa, D., Cassano, R., Brunetti, G., Macario, G., **Athreya, R.** (2013), *A&A*, 557, 99, *The Extended GMRT Radio Halo Survey. I. New upper limits on radio halos and mini-halos*
24. Kale, R., Venturi, T., Giacintucci, S., Dallacasa, D., Cassano, R., Brunetti, G., Cuciti, V., Macario, G., Athreya, R. (2015) *A&A*, 579, 92, *The Extended GMRT Radio Halo Survey. II. Further results and analysis of the full sample*,
25. Kanekar N., **Athreya R. M.**, Chengalur J.N. (2002) *A&A*, 382, 838, *A new 21-cm absorber identified with an L* galaxy*
26. Kapahi, V. K., **Athreya, R. M.**, Subrahmanya, C. R., Hunstead, R. W., Baker, J. C., McCarthy, P. J., van Breugel, W. (1995) *JApAS*, 16, 125, *Cosmological evolution of linear sizes and the unification of quasars and radio galaxies.*
27. Kapahi V.K., **Athreya R.M.**, Subrahmanya C.R., McCarthy P.J., van Breugel W. (1995a) *Multiwaveband Studies of the Molonglo 1-Jy Sample of Radio Galaxies.* *JApAS*, 16, 203
28. Kapahi, V. K., **Athreya, R. M.**, Subrahmanya, C. R., McCarthy, P. J., van Breugel, W. (1998a) *ApJS*, 118, 27, *The Molonglo Reference Catalogue 1Jy Radio Source Survey : II; Radio Structures of Galaxy Identifications*
29. Kapahi, V. K., **Athreya, R. M.**, Subrahmanya, C. R., Baker, J. C., Hunstead, R. W., McCarthy, P. J., van Breugel, W. (1998a) *ApJS*, 118, 327, *The Molonglo Reference Catalogue 1Jy Radio Source Survey : III; Identification of a Complete Quasar Sample*
30. Macario, G.; Venturi, T.; Brunetti, G.; Dallacasa, D.; Giacintucci, S.; Cassano, R.; Bardelli, S.; **Athreya, R.** (2010) *A&A*, 517, 43, *The very steep spectrum radio halo in Abell 697*
31. Macario, G.; Venturi, T.; Intema, H. T.; Dallacasa, D.; Brunetti, G.; Cassano, R.; Giacintucci, S.; Ferrari, C.; Ishwara-Chandra, C. H.; **Athreya, R.** (2013), *A&A*, 551, 141 153 MHz GMRT follow-up of steep-spectrum diffuse emission in galaxy clusters
32. McCarthy, P. J., Kapahi, V. K., van Breugel, W., **Athreya, R. M.**, Persson, S. E., Subrahmanya, C. R. (1996) *MRC/1Jy Radio source survey I - Radio galaxy identifications.* *ApJS*, 107, 19
33. Rush, B., McCarthy, P. J., **Athreya, R. M.**, Persson, E. (1996) *The high redshift radio galaxy MRC 0406-244.* *ApJ*, 484, 163
34. Singh, V., Shastri, P., Ishwara-Chandra, C.H., **Athreya, R.** (2013) *A&A*, 554, 85, *Low-frequency radio observations of Seyfert galaxies: A test of the unification scheme*
35. Singh, Veeresh; Shastri, Prajval; **Athreya, Ramana** (2011) *JApA*, 32, 497, *Seyfert Galaxies: Radio Continuum Emission Properties and the Unification Scheme*

36. Venturi, T.; Giacintucci, G.; Dallacasa, D.; Brunetti, G.; Cassano, R.; Macario, G.; **Athreya, R.** (2011) MNRAS, 414, 65 *An elusive radio halo in the merging cluster Abell 781?*
37. Venturi, T.; Giacintucci, S.; Dallacasa, D.; Cassano, R.; Brunetti, G.; Macario, G.; **Athreya, R.** (2013) A&A, 551, 24, Low frequency follow up of radio haloes and relics in the GMRT Radio Halo Cluster Survey
38. Westra, E., Jones, D. H., Lidman, C. E., **Athreya, R. M.**, Meisenheimer, K., Wolf, C., Szeifert, T., Pompei, E., Vanzi, L. (2005) *The Wide Field Imager Lyman-Alpha Search (WFILAS) for galaxies at redshift 5.7. I. A spatially compact Ly emitting galaxy at $z=5.721$.* A&A, 430, 21
39. Westra, E., Jones, D. H., Lidman, C. E., Meisenheimer, K., **Athreya, R. M.**, Wolf, C., Szeifert, T., Pompei, E., Vanzi, L. (2006) *The wide field imager Lyman-alpha search (WFILAS) for galaxies at redshift 5.7. II. Survey design and sample analysis.* A&A 455, 61