

Curriculum Vitae
Ritaban Chatterjee

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Nationality : Indian
Date of birth : September 21st, 1980.

Education

Boston University, Boston, Massachusetts: Ph.D. in Astronomy, 2003-present. Expected graduation : July 2009. Thesis : Multi-Wavelength Time Variability of Active Galactic Nuclei. Advisor : Prof. Alan P. Marscher.

Indian Institute of Technology, Kanpur: M.Sc. in Physics, 2003. Theory project : Constraints on Torsion Gravity from Collider Data. Experimental project : Fabrication and Characterization of Polymer LEDs.

Presidency College, University of Calcutta: B.Sc. in Physics (Major) with Mathematics and Chemistry in 2001.

Professional Experience

1. Graduate Research Assistant, Department of Astronomy, Boston University, 2005-Present.
2. Graduate Teaching Fellow, Astronomy 102 (Stars and Galaxies), Department of Astronomy, Boston University, 2003-2005.
3. Junior member, American Astronomical Society, 2006-Present.
4. Co-Investigator in the VLBA program BM256: Probing Blazars through Multiwaveband Variability of Flux, Polarization, and Structure, which completed observations in September, 2008.

Awards and Fellowships

1. Council of Scientific and Industrial Research (CSIR) fellowship through the National Eligibility Test (NET) conducted by University Grants Commission (UGC), Government of India, 2003.
2. HRI summer research fellowship, Harish Chandra Research Institute, Allahabad, 2002. Project : Optical Image Processing and Photometry of Active Galactic Nuclei.

3. Institute Merit-cum-Means Scholarship, Indian Institute of Technology, Kanpur, India, 2001.
4. National scholarships for secondary (1996) and Higher secondary (1998) examinations, Government of India.

Talks, Poster Presentations, and Summer Schools

1. “X-ray dips and Superluminal Ejections in the Radio Galaxy 3C 120”, talk at “Radio Galaxies in the Chandra Era”, July 8-11, 2008, Cambridge, MA (hosted by Chandra X-ray Center).
2. “Time Variability of Active Galactic Nuclei: Why, How and some recent results of the Blazar 3C 279”, invited talk at Indian Institute of Astrophysics, Bangalore, India, June 12, 2008.
3. “Time Variability of Active Galactic Nuclei: Why, How and some recent results of the Blazar 3C 279”, invited talk at National Centre for Radio Astrophysics, Pune, India, June 11, 2008.
4. “Time Variability of Active Galactic Nuclei”, invited talk at Saha Institute of Nuclear Physics, Calcutta, India, June 4, 2007.
5. “Correlated Multi-Frequency Variability in the Blazars 3C 279 and PKS 1510-089”, poster presentation, American Astronomical Society Meeting 209, Seattle, WA, USA, January 5-10, 2007.
6. Participant at the “Astro-statistics Summer School”, Pennsylvania State University, June 6th-10th 2006.
7. “Evidence Supporting the Accretion Disk - Jet Connection in the Radio Galaxy 3C 120”, poster presentation, Annual New England Regional Quasar/AGN Meeting Tuesday, May 30, 2006, MIT.

Refereed Publications

1. Correlated Multi-Waveband Variability in the Blazar 3C 279 from 1996 to 2007, Chatterjee et al. 2008, ApJ, 689, 79-94, (arXiv:0808.2194).
2. Evidence for Disk-jet Connection in the Radio Galaxy 3C 120, Chatterjee et al., ApJ, in preparation, anticipated submission in December, 2008.
3. Synchrotron and Inverse Compton Models for Time Variable Nonthermal Emission in Blazars, Chatterjee and Marscher, in preparation.

Computer Skills

1. 6 years of experience in FORTRAN 77.
2. Other programming language used : C, perl, IDL.
3. Operating systems : Linux, Windows.