

Basudeb Dasgupta

CONTACT INFORMATION	A-320, Dept. of Theoretical Physics Tata Institute of Fundamental Research Homi Bhabha Road Mumbai 400005, India	E-mail: bdasgupta@theory.tifr.res.in Office Phone: +91-22-2278-2210 Cell Phone: +91-99670-36287 Fax: +91-22-2278-2777
RESEARCH SUMMARY	Area: Astroparticle Physics, viz., Neutrinos and Dark Matter Publications: 36 in journals, e.g., PRL (5), PRD (24), EPJC(1), JCAP (3), JHEP (1), NPB (1), and MNRAS (1); preprints (3); proceedings (6); and others (2) Talks: 85 at conferences, workshops, colloquia and seminars Citations: total 2000+ at $\gtrsim 54$ /paper Top-cited papers: 1 with 250+, 3 with 100+, 9 with 50; h-index = 25 See http://inspirehep.net/author/profile/B.Dasgupta.1 for caveats	
EMPLOYMENT	Assistant Professor (Reader F) Tata Institute of Fundamental Research, Mumbai	Dec 2014 to Present
	Head of Astroparticle Partnergroup of the Max-Planck-Institute for Physics, Munich at Tata Institute of Fundamental Research, Mumbai	June 2016 to Present
POSTDOCTORAL EXPERIENCE	Postdoctoral Fellow International Centre For Theoretical Physics, Trieste, Italy	2012 to 2014
	CCAPP Fellow The Ohio State University, Columbus, U.S.A	2010 to 2012
	Postdoctoral Researcher Max-Planck-Institute for Physics, Munich, Germany	2009 to 2010
EDUCATION	Doctor of Philosophy (Theoretical Physics) Tata Institute of Fundamental Research, Mumbai, India	2009
	Master of Science (Physical Sciences) Tata Institute of Fundamental Research, Mumbai, India	2006
	Bachelor of Science (Honors in Physics) Jadavpur University, Calcutta, India	2003
AWARDS AND FELLOWSHIPS	Max Planck Partnergroup of Max-Planck-Gesellschaft	2016 to 2019
	Kavli Frontiers Fellowship of the US National Academy of Sciences	2015
	Ramanujan Fellowship of the Dept. of Science and Tech. India	2015 to 2020
	Young Scientist Medal of the Indian National Science Academy ¹	2011
	CCAPP Fellowship at The Ohio State University	2010 to 2013
	Marie Curie Fellowship ²	2008
	Honorable Mention for the TAA Geeta Udgaonkar Award ³	2009
	<u>Kishor Vaigyanik Protsahan Yojana Fellowship</u> ⁴	2000 to 2003

¹Awarded to fewer than 30 scientists under the age of 35 across all fields of science, technology, and mathematics, for work done in India

²Not availed

³Best Ph.D thesis in the Physical Sciences at Tata Institute of Fundamental Research, Mumbai

⁴Awarded to exceptional undergraduates by the Dept. of Science and Technology of the Government of India

RESEARCH ADVISEES	Manibrata Sen (Graduate student, TIFR): Supernova Neutrinos Anirban Das (Graduate student, TIFR): Dark Matter. Xiaoyong Chu (Postdoctoral Fellow, ICTP): Dark Matter and Neutrinos Ranjan Laha (Graduate student, OSU): Dark Matter and Neutrinos Kenny Ng (Graduate student, OSU): Dark Matter and Neutrinos
TEACHING	Statistical Physics Core Course at TIFR Spring 2017 Statistical Physics Core Course at TIFR Spring 2016 Cosmology, Astronomy Olympiad Camp, HBCSE TIFR 2015 Astroparticle Physics Guided Reading Course at TIFR Spring 2015 Particle Physics at Petnica Summer Institute Summer 2014 Tutor for Diploma Course on Particle Physics at ICTP Fall 2013
THESIS EXAMINATION	Rasmus Sloth Hansen (Aarhus Univ.): Ph.D. Thesis Examiner and Opponent
REFEREEING	Referee for Phys. Rev. Letters, Phys. Rev. D, Phys. Letters B, J. of Cosmology and Astroparticle Phys., J. of Phys. G, Nucl. Phys. A, Astrophys. Journal Named a Most Valued Reviewer for Elsevier journals in 2011 and 2012
CONFERENCE ORGANIZATION ACTIVITIES	International Advisory Committee Member, TAUP 2017 Coordinator, High-Energy Seminars at International Centre for Theoretical Physics in 2013-2014 Scientific Secretary, International Centre for Theoretical Physics “Workshop on the Future of Dark Matter Astro-Particle Physics” in 2013 Scientific Advisory Committee Member, International Centre for Theoretical Sciences workshop on “Interface of Numerical Relativity with Gravitational-Wave Astronomy, Neutrino Physics and High-Energy Astrophysics” in 2013 Co-Organizer, “Revealing Deaths of Massive Stars with GeV-TeV Neutrinos” workshop at Ohio State Univ. in 2012 Co-Organizer, “CCAPP Symposia” at Ohio State Univ. in 2009 and 2011 Co-Organizer, “Joint Indo-German School and Workshop” at Tata Institute of Fundamental Research in 2007
PUBLIC OUTREACH	Actively involved in Science Popularization, and invited Public Lectures at prestigious venues, e.g., Perkins observatory in Delaware, and Prithvi theatre, Kitab Khana, M-cubed library, and the Times-Litfest 2016 at Mehboob Studios in Mumbai.