

Dishant M Pancholi

CONTACT INFORMATION	Chennai Mathematical Institute H1 SIPCOT IT Park, Siruseri Kelambakkam 603103 India	<i>Phone:</i> +91 44 67 48 09 59 <i>Fax:</i> +91 44 27 47 02 25 <i>E-mail:</i> dishant@cmi.ac.in
DATE OF BIRTH	• 2nd March 1976	
RESEARCH INTERESTS	• Contact and symplectic topology	
EMPLOYMENT	Associate Professor	July 2014 – present <i>Chennai Mathematical Institute, Kelambakkam, India</i>
	Assistant Professor	June 2011 - June 2014 <i>Chennai Mathematical Institute, Kelambakkam, India</i>
	Post doctoral Fellow	(January 2008 - January 2010) <i>International Centre for Theoretical physics, Trieste, Italy.</i>
	Visiting Fellow, <i>TIFR Centre, Bangalore, India.</i>	(October 2006 - December 2007)
EDUCATION	School of Mathematics, Tata Institute of Fundamental Research, Mumbai, India. Ph.D, August 1999 - September 2006. Thesis title: Knots, mapping class groups and Kirby calculus.	
	Department of Mathematics, M.S. University of Baroda, Vadodara, India. M.Sc (Mathematics), 1996 - 1998.	
	M.S. University of Baroda, Vadodara, India B.Sc, 1993 - 1996.	
AWARDS AND SCHOLARSHIPS	• Simons Associateships at ICTP, Trieste, Italy. (2013) • Best Thesis award TIFR, Mumbai. (2007) • Research Scholarship at TIFR, Mumbai. (1999) • Shree Ranchodlal Chotalal Shah gold medal for scoring highest marks in mathematics at M S University of Baroda, Vadodara in M.Sc. (1998)	
RESEARCH PUBLICATIONS	• Almost contact 5–folds are contact. http://annals.math.princeton.edu/articles/9095 (To appear in Annals of Maths) (2015) (With Roger Casals and Francisco Presas)	

- Homotopical height. arXiv:1302.0607v1 [math.GT] (To appear in International Journal of Mathematics). (2015)
(With Indranil Biswas and Mahan Mj)
- Contact blow-up *Expositiones Mathematicae* –Original research article (In press) <http://www.sciencedirect.com/science/article/pii/S0723086914000048>.
(with R.Casals and F. Presas)
- On generalizing Lutz twists. *Journal of the London Mathematical Society* (84) 2011, Issue 3, p670–688.
(With John Etnyre)
- Non-orientable Thom-Pontryagin construction and Seifert surfaces. *Journal of RMS* 23 (2008), no. 2, 143–149.
(With Siddhartha Gadgil)
- Homeomorphism and homology of non-orientable surfaces *Proceedings of Indian Acad. of Sciences*, 115 (2005), no. 3, 251–257.
(With Siddhartha Gadgil)

PREPRINTS

- A simple construction of Taut submanifolds (submitted for publication).
- Non-orientable Seifert surfaces, Stabilisation and Knot invariants. *isibc/ms/2005/11* February, 25th 2005 <http://www.isibang.ac.in/statmath/eprints>
(With Siddhartha Gadgil) [This article has a large overlap with the article “On Signature of a link” by C. Gordon and R. Litherland (*Invent. Math.* (1978) no.1 53-69.)]

TALKS AND PRESENTATIONS

- Invited speaker at the RMS annual meeting for the topology symposium. (2012)
Title: Almost contact 5-folds are contact.
- Invited to speak at ICMAT, Spain in Geometry and topology seminars. (2010)
Title: On generalizing Lutz twists.
- Invited to speak at Georgia Institute of Technology, Atlanta Georgia in their weekly Topology seminar. (2009)
Title: Confoliations and contact structures in higher dimensions.
- Seminar talk at ULB, Bruxelles (2009)
Title: On possible generalizations of Lutz twists in higher dimensions.

SCHOOLS/ CONFERENCES/ VISITS

- Annual meeting of RMS (Topology symposium) (October 2012)
- AIM Workshop on Contact topology in high dimension Palo Alto, CA, USA (May 2012)
- ICMAT, Spain (1st to 25th February 2011)
- Workshop and conference on geometric methods in low dimensional topology, June 12 -24, 2006, Indian Institute of Science, Bangalore, India
- Workshop and conference on low-dimensional manifolds and groups, Indian Statistical Institute , July 12-24, 2004, Bangalore, India
- International colloquium on algebra, arithmetic and geometry, Tata Institute of Fundamental Research, Mumbai, India.
- Visiting Students Research Programme, Tata Institute of Fundamental Research, Mumbai, India, 1998.
- Mathematics Training & Talent Search Programme (MT&TS), 1997, Indian Institute of Technology, Madras, 1997, Chennai, India.