Dishant M Pancholi

CONTACT INFORMATION	Chennai Mathematical Institute	Phone: +91 44 67 48 09 59
	H1 SIPCOT IT Park, Siruseri	Fax: +91 44 27 47 02 25
	Kelambakkam 603103	E-mail: dishant@access.cmi.ac.in
	India	

RESEARCH INTERESTS

- Contact and symplectic topology

EMPLOYMENT

Assitant Professor   June 2011 - Present

Chennai Mathematical Institute, Kelambakkam, India

Post doctoral Fellow   (January 2008 - January 2010)

International Centre for Theoratical physics, Trieste, Italy.

Visiting Fellow,   (October 2006 - December 2007)
TIFR Centre, Bangalore, India.

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

- Shree Ranchodlal Chotalal Shah gold medal for scoring highest marks in mathematics at M S University of Baroda, Vadodara in M.Sc. (1998)
- Research Scholarship at TIFR, Mumbai. (1999)
- Best Thesis award TIFR, Mumbai (2007)

RESEARCH PUBLICATIONS

- (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)
  Non-orientable Thom-Pontryagin construction and Seifert surfaces. Journal of RMS 23 (2008), no. 2, 143–149.
- (With John Etnyre)
  On generalizing Lutz twists. Journal of the London Mathematical Society (84) 2011, Issue 3, p670–688

PREPRINTS
- (With Indranil Biswas and Mahan Mj)
  Homotopical height. arXiv:1302.0607v1 [math.GT]
- (With Roger Casals and Francisco Presas)
  Almost contact 5–folds are contact. arXiv:1203.2166v3 [math.SG] (2012)(submitted)
- (With Roger Casals and Francisco Presas)
  Contact blow-up. arXiv:1210.1687v1 [math.SG] (submitted)
- (With Siddhartha Gadgil)
  Non-orientable Seifert surfaces, Stabilisation and Knot invariants. isibc/ms/2005/11
  February, 25th 2005 http://www.isibang.ac.in/statmath/eprints

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 generlizing Lutz twists.
- Invited to sepak 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
  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 (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.