



Department of Mathematics
Indian Institute of Technology, Bombay

*International Workshop/Conference
in Topology and Geometry
in
Geometry and Topology*

17th to 26th August 2007

III Announcement

Venue: Ramanujan Hall, Room 213-214 Mathematics Building,
IITB.

(For more information visit:<http://www.math.iitb.ac.in/golden/>)

Workshop: 17th to 22nd August 2007

Expert	Topic
Prof. Peter Wong (Bates College, Maine, USA)	: Combinatorial and Geometric Group Theoretic Methods : in Fixed Point Theory
Prof. K. Y. Lam (Columbia Uni. Canada)	: Topological methods in the study of : bilinear forms
Prof. K. Varadarajan (Uni. Calgary, Canada)	: Wall Obstructions
Prof. Peter, Zvengrowski Uni. Calgary, Canada	: ℓ^2 Homology
Prof. R. S. Kulkarni (IITB, Mumbai, India)	: Dynamics of Linear And Affine Maps

Conference: 23rd to 25th August 2007

Speaker	Topic
M. S. Narasimhan	: Geometry and Physics
K. Y. Lam	: Vector bundles of low geometric dimension over real projective spaces
M. S. Raghunathan	: Bruhat-Tits theory - an overview.
Nitin Nitsure	: Sign lemma for dimension shifting
Swagata Sarkar	: Degrees of maps between Grassmannians
Basudeb Datta	: Minimal triangulations of sphere bundles over the circle
Gautam Mukherjee	: Algebraic Deformation Theory
C. S. Aravinda	: Ricci flow and negative curvature.
P. Wong	: Fox homotopy groups, Gottlieb groups, Rhodes groups, and : generalized Whitehead products
B. Subash	: Linear Morse Functions
Hemangi Shah	: Manifolds in dimension 3 with horospheres of constant mean curvature
Kalathoor Varadarajan	: Anti-hopfian and anti co-hopfian modules.
R. S. Kulkarni	:
Amiya Mukherjee	: Rational Pontryagin classes and foliations
Himadri Mukherjee	: On problems of classification of manifolds
Parameswaran Sankaran	: K theory of torus manifolds
R. V. Gurjar	: On the Shafarevich Conjecture for genus-2 fibrations
Peter Zvengrowski	: Group Cohomology of Finite Fundamental Groups of 3-Manifolds
Jaya Iyer	: Chern-Simons classes of canonical extensions of flat bundles
S. Ramanan	: