Topology and Geometry of Surfaces

Symposium of the 29th Annual Conference of the Ramanujam Mathematical Society

The Topology and Geometry of curves and surfaces is an area of math that is accessible to beginning math students as well as a gateway towards serious research in areas like knot theory and the study of 3-dimensional manifolds. With its emphasis on both visualization along with mathematical rigour it will appeal to even those who have only had an introductory course in topology and group theory as well PhD students. Preparatory lectures at the MSc-level will be held preceding the symposium.

Dates: July 2nd - July 7th

Venue: Mathematics Department, IISER Pune

Speakers:

1. Prof Ara Basmajian, The City University of New York (Convener)

2. Prof Moira Chas, Stonybrook University

Schedule:

June 30, July 1:	1130 - 1300	Preparatory Lectures (Tejas Kalelkar, IISER Pune)
	1430 - 1600	Tutorial Session
	1700 - 1800	Movie on Ramanujam/Recording of popular talk by Fields medalist Curtis McMullen at Harvard
July 2, 3, 4 and 7:	930 - 1100	Minicourse on "Computer driven theorems and questions in geometry" (Moira Chas)
	1130 - 1300	Minicourse on "Identities of Hyperbolic surfaces" (Ara Basmajian)
	1430 - 1600	Interactive review session

Logistics:

RMS will not fund travel or accommodation for this symposium. There are a limited number of hostel rooms available in IISER Pune at the rate of Rs 200 per night for those who register early. Food will be available on campus at visitor-rates.

Registration:

To register or for details please contact tejas@iiserpune.ac.in. Further details will also be available soon at http://29ac.ramanujanmathsociety.org/schedule.

Local Organisers:

Ravi Kulkarni (IIT Bombay), S.A. Katre (Pune University), A. Raghuram (IISER Pune), Tejas Kalelkar (IISER Pune)