

# INDIAN STATISTICAL INSTITUTE

BANGALORE CENTRE  
STATISTICS AND MATHEMATICS UNIT

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## STAT-MATH. SYMPOSIUM BY DOCTORAL AND POST-DOCTORAL FELLOWS (2016) INDIAN STATISTICAL INSTITUTE, BANGALORE CENTRE

**(Day 1) Date: August 4, 2016 (Thursday)**

**From 09:20 AM to 09:35 AM on August 4, a welcoming introductory session will be arranged for the new JRFs**

Speaker : Tulasi Ram Reddy  
Title : On real zeros and critical points of random polynomials  
Time : 09.35 - 10.15

Speaker : Tiju Cherian John  
Title : Real Normal Operators and Williamson's Normal Form  
Time : 10.20 - 11.00

**Coffee Break: 11.00 – 11.20**

Speaker : Biplab Basak  
Title : 3-colored graphs and classification of surfaces  
Time : 11.20 - 12.00

Speaker : Kalyan Banerjee  
Title : Zero cycles on the Fano variety of lines of a cubic fourfold  
Time : 12.05 - 12.45

**Lunch Break: 12.45 - 14.20**

Speaker : Dinesh Kumar Keshari  
Title : A Subclass of the Cowen-Douglas class of operators with a complete computable set of invariants  
Time : 14.20 - 15.00

**Coffee Break: 15.00 – 15.20**

Speaker : Barun Sarkar  
Title : Itô formula for Mild Solutions with respect to Gaussian and Non-Gaussian Noise  
Time : 15.20 - 16.00

Speaker : Neeraj Kumar  
Title : Quadratic and Koszul algebras  
Time : 16.05 - 16.45

**(Day 2) Date: August 5, 2016 (Friday)**

Speaker : Prateep Chakraborty  
Title : Characteristic rank of oriented Grassmann manifold  
Time : 09.35 - 10.15

Speaker : Sagnik Sen  
Title : Homomorphisms of 2-edge-colored triangle-free planar graphs  
Time : 10.20 - 11.00

**Coffee Break: 11.00 – 11.20**

Speaker : Srijan Sarkar  
Title : Factorization of Kernels and Reproducing Kernel Hilbert Spaces  
Time : 11.20 - 12.00

Speaker : Subham Sarkar  
Title : On critical values of  $L$  functions  
Time : 12.05 - 12.45

**Lunch Break: 12.45 - 14.20**

Speaker : Kalpesh Haria  
Title : Factorizations of Characteristic Functions  
Time : 14.20 - 15.00

**Coffee Break: 15.00 – 15.20**

Speaker : Soumen Dey  
Title : Hierarchical and Empirical Bayes Methods for Integrating Animal Abundance Estimates  
Time : 15.20 - 16.00

Speaker : Nirupama Mallik  
Title : Regular representations of completely bounded maps.  
Time : 16.05 - 16.45

**All are welcome. All the lectures will be held in Auditorium (2nd Floor).**

*If you wish to receive our seminar announcements through e-mail send a mail to : [statmath@isibang.ac.in](mailto:statmath@isibang.ac.in)  
Seminar announcements are available at: <http://www.isibang.ac.in/~statmath/cgi-bin/seminar.cgi>*