

Conference on Statistical Topology



of Random Manifolds: Theory and Applications

18 - 23 July 2016

ICTP, Miramare – Trieste, Italy

The Abdus Salam International Centre for Theoretical Physics (ICTP) is organizing the Conference above to take place at this Centre from 18 to 23 July 2016.

The programme will include: real zeroes of random polynomials and number of real solutions of polynomial systems, critical points and zero sets of random real polynomials/random vector fields, random real algebraic geometry, random landscapes in statistical mechanics, statistical aspects of cosmology and string theory, etc.

LIST OF SPEAKERS:

Robert Adler (Technion), Dennis Amelunxen (City University of Hong Kong), Antonio Auffinger (University of Chicago), Saugata Basu (Purdue University), Carlos Beltran (University of Cantabria), Gerard Ben Arous (Courant Institute), Eugene Bogomolny (CNRS, Université Paris-Sud), Richard Easter (Auckland University), Michael Farber (Queen Mary University), Damien Gayet (Institut Fourier), Boris Khoruzhenko (Queen Mary University), Majunath Krishanpur (Indian Institute of Science), Erik Lundberg (Florida Atlantic University), Satja Majumdar (LPTMS, Orsay), Gregorio Malajovich (Universidade Federal do Rio de Janeiro), Liam McAllister (Cornell University), Liviu Nicolaescu (University of Notre Dame), Chris Peterson (Colorado State), Maurice Rojas (University of Texas A&M), Armin Schwartzman (North Carolina State University), Nicholas J. Simm (Warwick University), Misha Sodin (Tel Aviv University), Daniel Stariolo (Universidade Federal do Rio Grande do Sul), Chuang Sun (Oxford), Igor Wigman (Kings College London), Steve Zelditch (Northwestern University).

GRANTS: A limited number of grants are available to support the travel and living expenses of selected participants, with priority given to participants working in a developing country and who are at the early stages of their career.

APPLICATION: the online form can be accessed at: <http://indico.ictp.it/event/7643/>

Conference Secretary: *Elizabeth Brancaccio (Ms)*
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DIRECTORS:

**Yan Fyodorov
(Kings College London)**

**Antonio Lerario
(SISSA, Trieste)**

**Dhagash Mehta
(University of Notre Dame)**

LOCAL ORGANIZER:

**Sandro Scandolo
(ICTP, Trieste)**

APPLICATION DEADLINE

3 April 2016

