

2017 CIMPA Research School

Recent Trends in Non-Commutative Algebras

June 19-30, 2017 at IISER Pune, India

The main goal of this School is to introduce the newly developed subject viz. Leavitt Path Algebras in India and its neighboring countries. This new theory, associated with graph, a combinatorial object, bridges abstract algebra and functional analysis.

The School will consist of a workshop with 6 mini-courses and tutorials during the first 10 days followed by a 2-day conference.

The workshop will introduce basic and advanced aspects of this theory along with major applications and recent developments, in particular, the connections between Leavitt path algebras and graph C^* -algebras. The speakers will develop the necessary background to train the participants in the first week to enable them to follow the advanced lectures in the second week.

For Resources and Notes, visit the Research School webpage:

<https://iiserpunecimpa17.wordpress.com/>

Participation at the School

Applications are invited from mathematicians and graduate students from developing countries. Applicants from Asian countries and advanced graduate students (M.Sc. and PhD) will be given priority. We encourage participants to secure their own funding for travel and subsistence from their home institution. Limited funds are available for participants from developing countries. The School will be conducted in English.

Organizers

Administrative and Scientific Coordinators

Rabeya Basu (IISER) Pune, India
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Abdenacer Makhoulf (UHA), France
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Scientific Committee

Pere Ara
Mercedes Siles Molina
Abdenacer Makhoulf
Roozbeh Hazrat
Müge Kanuni

Local Organizing Committee

B. Sury (Local Scientific Coordinator)
Rabeya Basu (Convener)
Vivek Mallick
Rama Mishra

Visit this link to apply

<https://iiserpunecimpa17.wordpress.com/registration/>

Funding

The workshop and part of the conference will be funded by CIMPA, IMU, IMSc, and IISER Pune. Additional Funding for the conference is also expected from NBHM and ICTP.

Speakers

For Mini-courses

Pere Ara (Universitat Autònoma de Barcelona, Spain)

Rabeya Basu (IISER Pune)

Roozbeh Hazrat (University of Western Sydney, Australia)

Müge Kanuni (Düzce University, Duzce, Turkey)

Vijay Kodiyalam (Institute of Mathematical Sciences, Chennai, India)

Abdenacer Makhoulf (Université de Haute Alsace, France)

Mercedes Siles Molina (Universidad de Málaga, Málaga, Spain)

Anita Naolekar (Indian Statistical Institute, Bangalore, India)

B. Sury (Indian Statistical Institute, Bangalore, India)

Lia Vas (University of the Sciences, Philadelphia, USA)

For Conference

Lisa Clark (University of Otago, New Zealand)

S.K. Jain (Ohio University, USA)

Christian Kassel (Université de Strasbourg, France)

Dinesh Khurana (Panjab University, India)

K.M. Rangaswamy (University of Colorado, USA)

Mridul Kanti Sen (Calcutta University, India)

Ashish Srivastava (Saint Louis University, USA)

V.S. Sunder (Institute of Mathematical Sciences, Chennai, India)

Zuhong Zhang (Beijing Institute of Technology, China)



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