

# CIMPA Research School on ALGEBRAIC AND COMBINATORIAL METHODS IN GEOMETRY

**March 1-11, 2022,**

**Virtually co-hosted at IBA Karachi in collaboration with LUMS**



The session is primarily focused on the interaction between Algebra, Combinatorics and Geometry. Objects of research in algebraic geometry are affine as well as projective, associated invariants can be studied using methods from Algebra and Combinatorics. The main goal of this workshop is to bridge the gap across various Mathematics' disciplines that have common methods of applying Algebra and Combinatorics in Geometry. The lectures cover the foundations of the theory to the application of recent results, along with their theoretical relevance.

## SPEAKERS

- Sara Faridi (Dalhousie University, Canada)
- Tái Huy Há (Tulane University, New Orleans, USA)
- Nguyen Dang Hop (Hanoi Institute of Mathematics, Vietnam)
- Kaie Kubjas (Aalto University, Aalto Finland)
- Dinh Van Le (Universität Osnabrück, Germany)
- Sara Saeedi Madani (Amirkabir University of Technology, Iran & IPM, Iran)
- Hannah Markwig (Eberhard Karls Universität Tübingen, Germany)
- Shaheen Nazir (LUMS, Pakistan)
- Tim Römer (Universität Osnabrück, Germany)

## SCIENTIFIC COMMITTEE

- Imran Anwar (LUMS, Pakistan)
- Marc Chardin (Institut de Mathématiques de Jussieu, France)
- Sara Faridi (Dalhousie University, Canada)
- Hannah Markwig (Eberhard Karls Universität Tübingen, Germany)
- Tim Römer (Universität Osnabrück, Germany)



**Registration Deadline: February 10, 2022**

**For registration and further details visit:**

**<https://www.iba.edu.pk/cimpa.php>**

*Or Scan for further details*