

Third Latin American School on Algebraic Geometry and Applications



31 July - 11 August 2017
CIMAT, Guanajuato, Mexico

Further information:

Activity URL: <http://indico.ictp.it/event/7982/>

E-mail: smr3138@ictp.it

The School aims at bringing together experts in algebraic geometry and presenting different topics of current research to advanced graduate students, postdocs and young researchers from Latin America and other parts of the world.

Introductory courses on research topics:

First Week:

- Introduction to Valuation Theory and Resolution of Singularities (Mark Spivakovsky)
- Differential Forms in Algebraic Geometry and Applications (Duco van Straten)
- Quantum Toric Varieties (Ernesto Lupercio)

Second Week:

- Fano Manifolds (Carolina Araujo)
- Arithmetic of Toric Varieties (José Ignacio Burgos Gil)
- Perverse Sheaves and the Topology of Algebraic Varieties (Mark de Cataldo)
- Virtual Topological Invariants of Moduli Spaces of Sheaves on Surfaces (Lothar Göttsche)

In addition, there will be research talks on diverse topics in algebraic geometry.

Organizing Committee:

P. L. DEL ÁNGEL RODRÍGUEZ, CIMAT

J. ELIZONDO HUERTA, Instituto de Matemáticas de la UNAM

X. GÓMEZ-MONT AVALOS, CIMAT

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J. A. SEADE KURI, Instituto de Matemáticas de la UNAM

ICTP Scientific Contact:

L. GÖTTSCHE, ICTP

How to apply:

Online application:

<http://indico.ictp.it/event/7982/>

Female scientists are encouraged to apply.

Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.

Deadline:

For applicants requesting financial support:

15 June 2017

For applicants not requesting financial support:

30 June 2017



The Abdus Salam
International Centre
for Theoretical Physics

www.ictp.it
Strada Costiera 11, 34151 Trieste, Italy

