



The Abdus Salam
International Centre
for Theoretical Physics



School on Explicit Arithmetic Geometry

DESCRIPTION:

This advanced school aims to train researchers interested in explicit methods in arithmetic geometry.

MORE INFORMATION:

The advanced school will be aimed at training young researchers and non-experts on the following topics:

- Diophantine Geometry
- G - Functions
- Algebraic K-theory and Regulators
- Shimura Varieties
- Arithmetic Differential Equations

LECTURERS:

Pietro Corvaja, Università Degli Studi Di Udine

Javier Fresán, Sorbonne Université

Herbert Gangl, Durham University

Jeanine van Order, PUC- Rio de Janeiro

Wadim Zudilin, Radboud Universiteit



30 June - 4 July 2025



Trieste, Italy



**Deadlines:
25 March 2025**

DIRECTORS:

Vasily Golyshev, IHES, France

Abhiram Kidambi, MPI Leipzig, Germany

Don Zagier, MPI Bonn, Germany

LOCAL ORGANISER:

Fernando Rodriguez Villegas, ICTP, Italy

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.

TO SUBMIT YOUR APPLICATION:



Web: <https://indico.ictp.it/event/10848/>

E-mail: smr4083@ictp.it

Female scientists are encouraged to apply.

