

7-11 August 2023



NUMBERS IN THE UNIVERSE

Recent advances in number theory and its applications

Vitaly Bergelson

The Ohio State University

Ergodic theory at the service of combinatorics and number theory

Terence Tao

University of California, Los Angeles

Analytic prime number theory in the twenty-first century

Maryna Viazovska

École Polytechnique Fédérale de Lausanne

Old and new ideas in sphere packing

Joanna Kułaga-Przymus

Nicolaus Copernicus University, Toruń

Mariusz Lemańczyk

Nicolaus Copernicus University, Toruń

Oleksandr Marynych

Taras Shevchenko National University of Kyiv

Danylo Radchenko

University of Lille/CNRS

Fernando Rodriguez Villegas

The Abdus Salam International Centre for Theoretical Physics, Trieste



A live connection
between the audience at
The Kyiv School of Economics
and
**Stefan Banach International
Mathematical Center, Warsaw**

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encouraged to take part. Register now:

mathcentre.in.ua

Number theory mixes techniques from
various branches of mathematics and
reveals unexpected connections between
them. The first conference organised by
the International Centre for Mathematics
in Ukraine aims to overview recent
breakthroughs in this field.



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