

24–28 August 2026

INTERNATIONAL CONFERENCE ON APPLIED MATHEMATICS

MATHEMATICS FOR THE REAL WORLD

PLENARY LECTURES

ANNA NAGURNEY (*Amherst*) **Networks, Supply Chains, and Variational Inequalities**
MARYNA VIAZOVSKA (*Lausanne*) **Formal and Informal Mathematics of Sphere Packing**

MATHS IN BIOLOGY

FABIAN FREUND (*Leicester*), ASGER HOBOLTH (*Aarhus*), VALERIE ISHAM (*London*), JULIA PALACIOS (*Stanford*)

MATHS IN QUANTUM COMPUTATIONS

JØRGEN ELLEGAARD ANDERSEN (*Odense*), AARON LAUDA (*Los Angeles*), STEVEN RAYAN (*Saskatoon*), MINGSHENG YING (*Ultimo*)

MATHS IN DATA SCIENCE

CYNTHIA RUSH (*New York*), JANE-LING WANG (*Davis*), HAU-TIENG WU (*New York*), JASON XU (*Los Angeles*)

MATHS IN FINANCE

ALEXANDER GNEDIN (*London*), OLEKSII MOSTOVYI (*Mansfield*), JAN OBLOJ (*Oxford*), MYKHAYLO SHKOLNIKOV (*Pittsburgh*)

MATHS IN MACHINE LEARNING

SERGE BELONGIE (*Copenhagen*), MARIA HAN VEIGA (*Columbus*), PETER ORBANZ (*London*), RITABRATA 'RITO' DUTTA (*Coventry*)

MATHS IN QUANTUM THEORY

ERIK AURELL (*Stockholm*), ENRICO BREHM (*Hamburg*), PAWEŁ HORODECKI (*Gdańsk*), KAROL ŻYCZKOWSKI (*Kraków/Warsaw*)

MATHS IN CRYPTOGRAPHY

STEFAN DZIEMBOWSKI (*Warsaw*), SASHA LAPIHA (*London*), BRICE MINAUD (*Paris*), YEVHEN PEREHUDA (*Bochum*)

MATHS IN QUANTUM CRYPTOGRAPHY

GIULIO MALAVOLTA (*Milan*), DOMINIQUE UNRUH (*Tartu*)

SPECIAL SESSION

26 August 2026

OLEKSII KUCHAIEV (*Senior Director of Applied Research, NVIDIA*) **AI in Practice**
MYKOLA MAKSYMENKO (*Co-Founder & CTO, Haiqu*) **Quantum Computations in Practice**
Panel Discussion **MATHS-DRIVEN INNOVATIONS**

VENUES

ICMU Working Space (*Kyiv*) and the Centre for Quantum Mathematics (*Odense*)