

MATHEMATICS AND HOPE: LEVERS OF INNOVATION



ACADEMIA DAS CIÊNCIAS
DE LISBOA



Programme

MARCH 14 — 2026

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14:30 – 14:40



Opening and presentation
by the Presidents of the
Academia das Ciências de
Lisboa and of the Centro
Internacional de Matemática.

2

14:40 – 14:55



Jean-Pierre Bourguignon

3

14:55 – 15:10

João Ribeiro

4

15:25 – 15:40



Nguyen Tien Zung

5

15:40 – 15:55



Eugénio Rocha

6

16:00 – 16:15

Pedro Camanho

7

16:15 – 17:00

Round table discussion
with Fernando Alexandre,
Ministro da Educação,
Ciência e Inovação.

This event of the International Mathematics Day (Pi Day) is jointly organised by the Academy of Sciences of Lisbon (ACL), the International Center of Mathematics (CIM) and the Centre of Mathematics of the University of Porto (CMUP).

Mathematics plays a fundamental and often invisible role in the development of science, technology, and innovation. From theoretical advances to real-world applications, mathematical ideas underpin progress across a wide range of fields, including artificial intelligence, engineering, data science, and industrial optimisation. At the same time, mathematics fosters rigorous thinking, creativity, and long-term vision — essential ingredients for addressing complex challenges and shaping a sustainable future.

“Mathematics and Hope: Levers of Innovation” aims to raise public awareness of the central role of mathematics as a driving force behind innovation and scientific development. By bringing together researchers with diverse trajectories — spanning fundamental research, interdisciplinary work, industry, and scientific leadership — the programme highlights how mathematics serves as a powerful lever for knowledge creation, technological progress, and societal impact.

The session will consist of short invited talks followed by a round-table discussion, encouraging dialogue between different perspectives on how mathematics contributes to innovation, opportunity, and hope. This initiative has the support of the Institut Français du Portugal, the Portuguese Mathematical Society and the University of Porto.

π DAY



CENTRO DE
MATEMÁTICA
UNIVERSIDADE DO PORTO

