Facultatea de Matematică și Informatică
Universitatea București

Școala normală superioară
București

11th Regional French-Romanian Summer School on Applied Mathematics
Sinaia, Romania, 8 – 16 July 2026

AIMS: Raise awareness among young students from Romania and neighbouring countries, as well as French and French-speaking students, about cutting-edge themes in Applied Mathematics

TOPICS: Transport stochastic partial differential equations and applications to data assimilation; Stochastic variational inequalities in convex and non-convex domains; Numerical analysis for ill-posed PDEs: stability, finite elements and neural networks; Quantum mechanics

PROGRAMME:
 8 – 11 July 2026
- *Transport stochastic partial differential equations and applications to data assimilation* – Oana Lang, Babeș-Bolyai University, Cluj, Romania
- *Stochastic variational inequalities in convex and non-convex domains* – Eduard Rotenstein, Alexandru Ioan Cuza University, Iași, Romania

13 – 16 July 2026
- *Numerical analysis for ill-posed PDEs: stability, finite elements and neural networks* – Mihai Nechita, Tiberiu Popoviciu Institute of Numerical Analysis, Romanian Academy & Babeș-Bolyai University, Cluj, Romania
- *Quantum mechanics* – Claudia Negulescu, Paul Sabatier University, Toulouse, France

SUMMER SCHOOL'S OFFICIAL LANGUAGE: English

PARTICIPANTS: Third-year BSc students; MSc students; PhD students

SELECTION: A Scientific Committee will select at most 24 participants

FINANCIAL SUPPORT: Accommodation and all meals of the selected participants will be fully funded by the organisers. Transportation is the responsibility of the participants

CANDIDATES: Applications, consisting of a detailed CV, a cover letter, academic transcripts of the last three years and a letter of recommendation, will be sent by email to **eema@fmi.unibuc.ro**

Deadline for Applications: 1 April 2026

Institutul de Matematică
al Academiei Române

Universitatea București