

7ECM Prize Lectures

Felix Klein Prize Lecture

Chair: Marion Schulz-Reese

Monday, 16:00 – 16:45

Audimax (main building)

16:00 **Patrice Hauret**, Eric Lignon, Benoît Poulot, Nicole Spillane: *Space-Time Two-Scale Methods for Computational Solid Mechanics*

[Abstract](#)

Otto Neugebauer Prize Lecture

Chair: Moritz Epple

Monday, 16:00 – 16:45

H0104 (main building)

16:00 **Jeremy Gray**: *Living Mathematics: Poincar'e and Weyl in context*

[Abstract](#)

EMS Prize Lecture I

Chair: Laurence Halpern

Tuesday, 11:45 – 12:30

H0104 (main building)

11:45 **Sara Zahedi**: *Cut Finite Element Methods*

[Abstract](#)

EMS Prize Lecture II

Chair: Martin Raussen

Tuesday, 11:45 – 12:30

H1012 (main building)

11:45 **Mark Braverman**: *Information Complexity and Applications*

[Abstract](#)

EMS Prize Lecture III

Chair: Mats Gyllenberg

Tuesday, 11:45 – 12:30

H1058 (main building)

11:45 **Vincent Calvez**: *Mesosopic models in biology*

[Abstract](#)

EMS Prize Lecture IV

Chair: Sjoerd Verduyn Lunel

Tuesday, 11:45 – 12:30

H2032 (main building)

11:45 **Guido De Philippis**: *On the singular part of measures constrained by linear PDEs and applications*

[Abstract](#)

EMS Prize Lecture V = Plenary Lecture 2

Chair: H. Esnault

Monday, 14:30 – 15:30

H105 (main building)

14:30 **Peter Scholze:** *Perfectoid Spaces and their Applications*
Abstract

EMS Prize Lecture VI

Chair: N.N.

Wednesday, 11:45 – 12:30

H0104 (main building)

11:45 **Peter Varju:** *Recent progress on Bernoulli convolutions*
[Abstract](#)

EMS Prize Lecture VII

Chair: Alice Fialowski

Wednesday, 11:45 – 12:30

H1012 (main building)

11:45 **Thomas Willwacher:** *Graph complexes in algebra and topology*
[Abstract](#)

EMS Prize Lecture VIII

Chair: Janos Pintz

Wednesday, 11:45 – 12:30

H1058 (main building)

11:45 **James Maynard:** *Primes with missing digits*
[Abstract](#)

EMS Prize Lecture IX

Chair: Volker Mehrmann

Wednesday, 11:45 – 12:30

H2032 (main building)

11:45 **Hugo Duminil-Copin:** *The Ising model: beyond integrability*
[Abstract](#)

EMS Prize Lecture X

Chair: Gert Martin Greuel

Wednesday, 11:45 – 12:30

H1028 (main building)

11:45 **Geordie Williamson:** *Shadows of Hodge theory in representation theory*
[Abstract](#)