

**2025
Scales**

Multiscale Modeling of Complex Systems

2nd SCALES Conference, 2 – 5 September 2025
Johannes Gutenberg University Mainz, Germany

Atrium Max, Alte Mensa Building (1312)
J.J.-Becherweg 3–5, Mainz

Registration:

<https://converia.uni-mainz.de/frontend/index.php?sub=182>

Pre-conference Workshop for young researchers:

JGU Mainz, 1 September:

OpenMP & MPI,
by Rolf Rabenseifner, HLRS

SCALES 2025 Invited Speakers:

- Lubomir Banas, Univ. Bielefeld
- Tristan Bereau, Univ. Heidelberg
- Franziska Glassmeier, MPI-M Hamburg
- Isabella Graf, EMBL Heidelberg
- Rupert Klein, Free Univ. Berlin
- Matt Knepley, Univ. Buffalo
- Christian Kühn, Tech. Univ. Munich
- Dan Mendels, Technion, Israel
- Mario Ohlberger, Univ. Münster
- Ludovic Räss, Univ. Lausanne
- Patrick Rinke, Tech. Univ. Munich
- Sam Stechmann, Univ. Madison
- Gabriel Stoltz, ENPC Paris

Topics include methods relevant to multi-scale modeling of problems in atmospheric and geological sciences, soft-matter physics, biology, and mathematics:

- Stochastic Models
- HPC & Machine Learning
- Uncert. Quantification & Inverse Methods
- Multiscale Methods
- Interdisciplinary Applications

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