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Institute of
Science and
Technology
Austria



Taming Complexity in
Partial Differential Systems



Austrian
Science Fund

Vienna PDE Afternoon

28.05.2025 from 14:00 to 16:00

University of Vienna, Faculty of Mathematics, Oskar-Morgenstern-Platz 1

HS 2 (ground floor) and online on Zoom

From 14:00 to 14:45:

Mikhail Cherdantsev (Cardiff University, UK)

Homogenisation of high-contrast convolution-type integral operators

Abstract: [SFB65.univie.ac.at/s/qb](https://sfb65.univie.ac.at/s/qb)

From 15:00 to 15:30:

Leon Happ (TU Wien; Medical University of Vienna)

Axial symmetry of DMI-stabilized Skyrmions on the disk

Abstract: [SFB65.univie.ac.at/s/qc](https://sfb65.univie.ac.at/s/qc)

From 15:30 to 16:00:

David Niederkofler (TU Wien)

Well-Posedness of Discretizations for Fractional Elasto-Plasticity

Abstract: [SFB65.univie.ac.at/s/qd](https://sfb65.univie.ac.at/s/qd)

The seminars take place in hybrid form (in person and also on Zoom). The Zoom link is sent per email through the SFB Newsletter (normally sent either on Friday or during the weekend). You can subscribe to this newsletter at [SFB65.univie.ac.at/s/px](https://sfb65.univie.ac.at/s/px)

Alternatively, if you are interested only in a given seminar, you could request a Zoom link by writing an email to matteo.tommasini@univie.ac.at (please write your request from an institutional email address, so that we can minimize the risk of Zoombombing).