

Seminar Schedule

Our seminar takes place every Wednesday at 11:30 in room SR 3.069.

This semester the seminar will mainly take place in person. There is also the possibility to organize the seminar in hybrid form on request of group members who cannot attend in person.

29.10.25 - no talk

05.11.25 - [Christopher Maulen](#) (PostDoc @ Bielefeld University)

"On the asymptotic stability problem for soliton solutions to the Boussinesq-type models"

12.11.25 - [Antonio Hidalgo](#) (PostDoc @ MPI Leipzig)

"Dissipative Euler flows originating from circular vortex filaments"

19.11.25 - [Louis Garénaux](#) (Former PostDoc @ KIT)

"Orbital stability for monostable fronts in reaction-diffusion equations"

26.11.25 - [Julia Henninger](#) (Doctoral Researcher @ KIT)

"Rogue waves for a semilinear wave equation"

03.12.25 - [Emile Bukieda](#) (Doctoral Researcher @ KIT)

"Orbital stability of cnoidal waves against localized perturbations"

10.12.25 - [Nils Thorin](#) (Doctoral Researcher @ University of Stuttgart)

"Validity of the NLS approximation for the Peregrine soliton family"

17.12.25 - [Giulia Mescolini](#) (Doctoral Assistant @ EPFL)

"Vanishing viscosity non-unique solutions to the forced 2D Euler equations"

07.01.26 - [Jordan Berthoumieu](#) (PostDoc @ Strasbourg University)

"Stability of soliton for nonlinear non-integrable Schrödinger equations with non-trivial far field"

14.01.26 - [Lukas Bengel](#) (Doctoral Researcher @ KIT)

"Bright and dark pulses in the Lugiato-Lefever equation with periodic forcing"

21.01.26 - [Sebastian Ohrem](#) (Doctoral Researcher @ KIT)

"Spectral asymptotics of asymptotically periodic Sturm-Liouville operators"

28.01.26 - [Matthieu Cadiot](#) (PostDoc @ École Polytechnique Paris)

"Computer-assisted analysis for PDEs on \mathbb{R}^n "

04.02.26 - [Robert Wegner](#) (Doctoral Researcher @ KIT)

"On the NLS hierarchy with nonzero boundary condition"

11.02.25 - [Rebekka Zimmermann](#) (Doctoral Researcher @ KIT)

"Discontinuous Solutions of the 2D Compressible Navier-Stokes Equations with Variable Viscosity"

18.02.2025 - [Joannis Alexopoulos](#) (PostDoc @ KIT)

"Stability of discontinuous shock profiles in general relaxation systems"

18.03.2025 - [Felice Iandoli](#) (Associate Professor @ Università della Calabria)

"Local well-posedness for a quasilinear system of PDEs modelling suspension bridges"