

Seminar Schedule

Our seminar takes place every Wednesday at 11:30 in Room SR3.069.

In this semester, the seminar will be mainly *in person*. For guests outside KIT, the seminar will take place via *Zoom*. There is also the possibility of organizing the seminar in a *hybrid* form for some slots, under request from the group members who can't attend in person. For further information please contact [Robert Wegner](#).

In general, each talk will take 60 minutes, including a ten-minute question session.

Time plan of talks:

10.04.24 at 9:45 - [Filippo Giuliani](#) (Assistant Professor @ Politecnico di Milano)

Sobolev instability for the cubic NLS on irrational tori

17.04.24 - [Lorenzo Pompili](#) (Doctoral Researcher @ University of Bonn)

On the Bäcklund transform and the stability of the line soliton of the KP-II equation on \mathbb{R}^2

24.04.24 - [Ludovic Godard-Cadillac](#) (Associate Professor @ Bordeaux INP)

Hölder regularity for collapses of point-vortices

01.05.24 - no talk

08.05.24 - [Frédéric Charve](#) (Professor @ Université Paris-Est - Créteil Val-de-Marne)

Hidden asymptotics for the weak solutions of the strongly stratified Boussinesq system without rotation

15.05.24 - two talks:

11:30-12:15 - [Leonie Langer](#) (Doctoral Researcher @ University of Ulm)

Evolving heterogeneous elastic wires

12:15-13:00 - [Matthias Sroczinski](#) (Postdoctoral Researcher @ University of Konstanz)

Global existence and decay of small solutions for quasi-linear second-order uniformly dissipative hyperbolic-hyperbolic systems

22.05.24 - no talk

29.05.24 - [Antonio Tribuzio](#) (Postdoctoral Researcher @ University of Bonn)

Energy barriers for boundary nucleation in a two-well model

05.06.24 - [Anthony Salib](#) (Doctoral Researcher @ University of Duisburg-Essen)

Classification of global solutions to the obstacle problem

12.06.24 - [David Buchberger](#) (Doctoral Researcher @ University of Augsburg)

Convergence of equilibria of thin elastic plates in a discrete model - The von Kármán case

19.06.24 - [Guillaume Ferriere](#) (Research Associate @ Inria Lille)

On the (in)stability of several structures for the Landau-Lifshitz-Gilbert equation on a nanowire

26.06.24 - [Franz Gmeineder](#) (Professor @ University of Konstanz)

Extensions and differential constraints

03.07.24 - [Kaori Nagato-Plum](#) (Lecturer @ KIT)

Non-selfadjoint spectral problems related to self-similar blowup in nonlinear wave equations

10.07.24 - [Jonas Hirsch](#) (Professor @ University of Leipzig)

Two dimensional very weak solutions to the Monge-Ampère equation in $C^{1,1/3}$

17.07.24 - [Montie Avery](#) (Postdoctoral Researcher @ Boston University)

Pattern selection via marginal stability of pushed fronts in the FitzHugh-Nagumo system

24.07.24 - [Patrick Brkic](#) (Doctoral Researcher @ University of Ulm)
Wild weak solutions of the 3D axisymmetric Euler equations