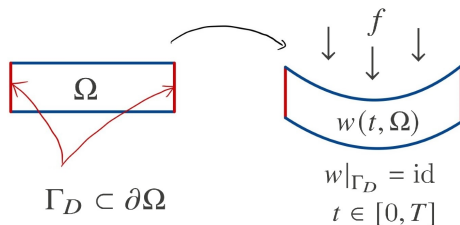


Evolution Equations Arising in Continuum Mechanics



Preliminary content:

- Equations of parabolic and hyperbolic type
 - Bochner spaces, Aubin-Lions lemma, Korn inequalities, Variational methods, Gradient flows, Nonlinear and linearized theories

General information:

- Variational methods and weak solution concepts for PDEs are helpful
- Preliminary meeting: **11.02.2025 at 3 pm in the room 0.011**
- Lecturer: Lennart Machill and Camillo Tissot
- Seminar: Tuesdays, 12 pm – 2 pm in the room 0.011
- Mail: lmachill@uni-bonn.de
- More information: BASIS or <https://www.iam.uni-bonn.de/users/machill/seminar>