German Chapter of the InterPore - Chair of Geomatics and Geomathematics

KU Eichstätt-Ingolstadt - September 13-14, 2023

Photo of the participants

This year the meeting of the **German Chapter of the InterPore** was held at **KU Eichstätt-Ingolstadt** on September 13-14, 2023. The meeting was organized at the Mathematical Institute for Machine Learning and Data Science (MIDS) by the chair of Geomatics and Geomathematics.

Around 30 researchers, PhD students, and professors participated in the two-day meeting. In addition to the two invited talks (see below), a total of 20 presentations were given on a wide range of research areas in the field of porous media ranging from experiment to theory and from science to industrial application.

During the coffee breaks and the dinner there were opportunities for exchanging ideas and deeper discussions.

Photo of the meeting organizers

The two invited speakers and their presentations are listed below:

- **Carina Bringedal** (Western Norway University of Applied Sciences): *Analysis and simulations of evaporation-driven density instabilities in porous media*
- **Sergey Oladyshkin** (University of Stuttgart, Institute for Water and Environmental Systems Modeling): *Physics-Aware Neural Networks for uncovering unknown processes and leveraging the significance of Homogeneous Chaos Theory for learning*