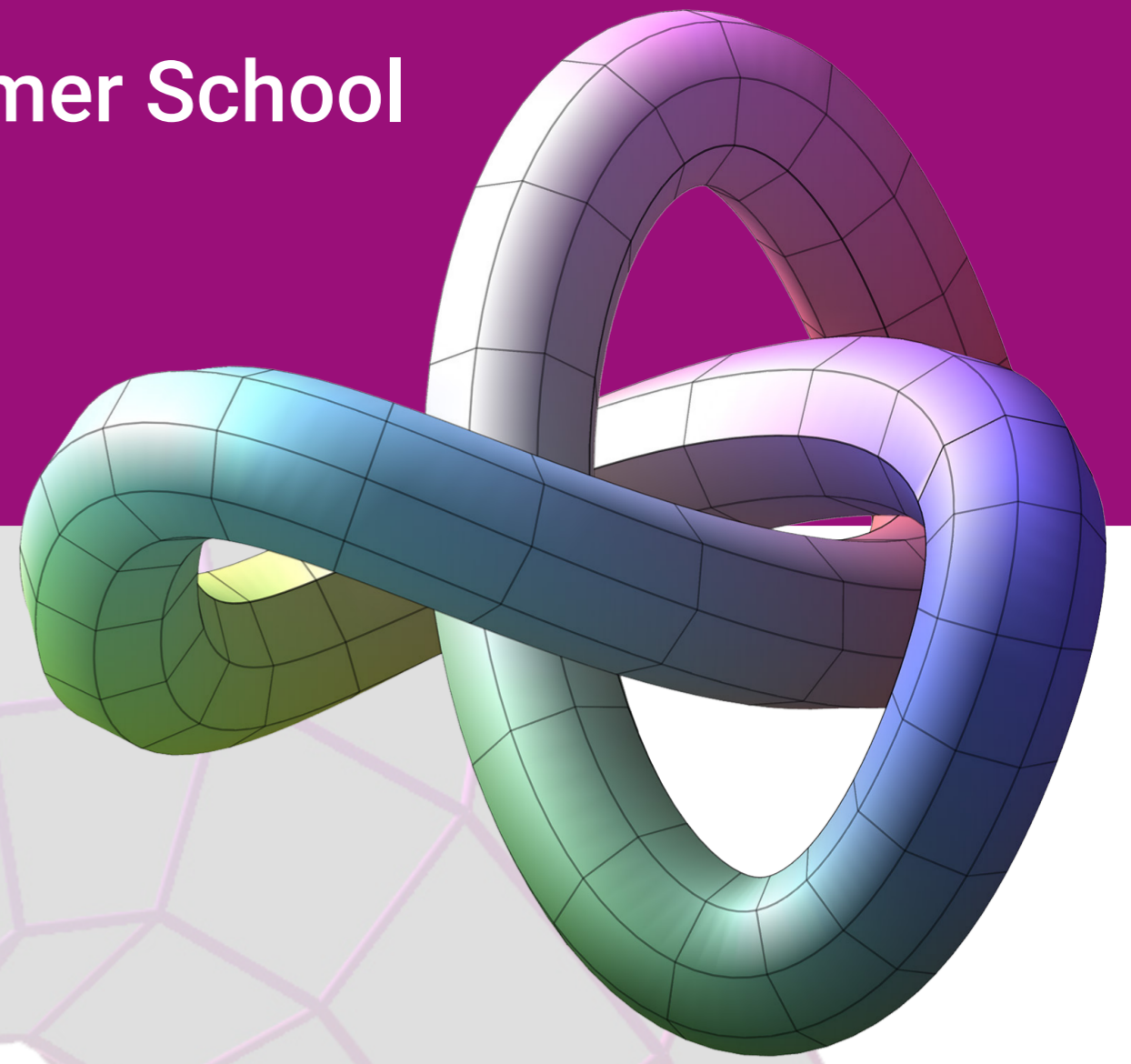




UNIVERSITY OF TECHNOLOGY  
IN THE EUROPEAN CAPITAL OF CULTURE  
CHEMNITZ

# Workshop and Summer School on Applied Analysis 2025



## Date

From Monday,  
September 22, 9:15 am

To Friday,  
September 26, 1:00 pm

## Location

Universitätsbibliothek  
(University Library)  
Straße der Nationen 33  
09111 Chemnitz  
Germany

## Accommodation

Participants should take  
care of accommodation  
themselves.  
A list of hotels can be  
found on the webpage.

## Organizers

Franziska Nestler  
Sebastian Neumayer  
Daniel Potts  
Martin Stoll  
Tino Ullrich

## Web & Contact

## Lectures

- **Markus Bachmayr** (RWTH Aachen University)  
High-Dimensional Approximations for Parametric and Random PDEs
- **Clarice Poon** (University of Warwick)  
Inverse Optimal Transport
- **Audrey Repetti** (Heriot-Watt University, Edinburgh)  
Proximal Optimization and Deep Learning Methods in Inverse Imaging Problems
- **Manuel Schaller** (TU Chemnitz)  
Data-Driven Methods in Control: Error Bounds and Guaranteed Stability
- **Jonathan Siegel** (Texas A&M University)  
The Approximation Theory of Neural Networks

## Talks & Posters

Participants are encouraged to present their own research in the form of talks or posters.

