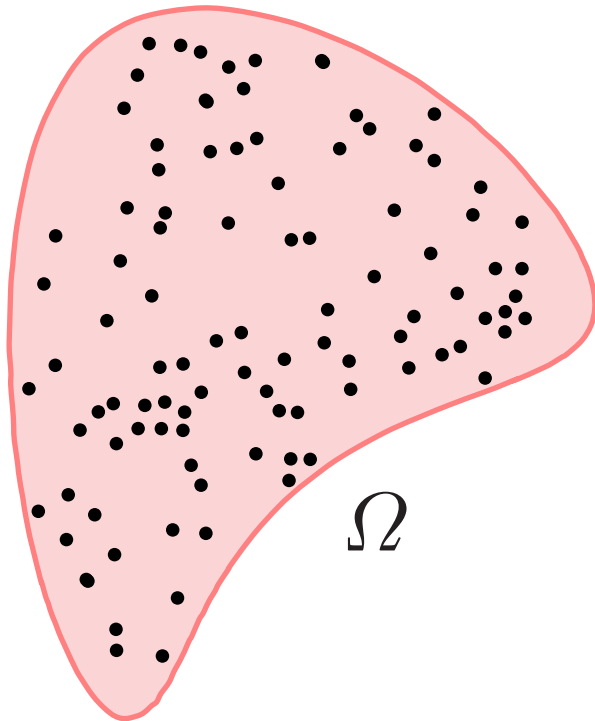


New Course WS 2018/19:

Introduction to Meshfree Approximation Methods



Lecturer: Dr. Christian Rieger

Time: Tuesdays, 14:30 - 16:00

Place: Rogowski 328

- main focus: **kernel approximation** methods
- applications: **machine learning**, numerical methods for **partial differential equations**, **surface** differential equations, differential equations with **constraints**
- the course will cover **theoretical** foundations, **implementation** detail, and **programming** exercises

Open to students of **mathematics**, **CES**, **SiSc** as an elective course, 3 ECTS, oral exam.