

Department for Mathematics and Computer Science
Freie Universität Berlin
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Berlin, 20.04.2022

Seminar Summer Semester 2022

Talks

Start 14:00. Below there are just the topics of the talk, not the titles.

- 04.05.2022
Marwa Zainelabdeen *Grad-div stabilization for finite element discretizations of the Navier–Stokes equations*
- 11.05.2022
Lea Strubberg *Modeling cardiac electrophysiology*
Monica Fernanda Soto Soto *Finite volume methods*
- 18.05.2022
Ceyda Akbulut *Steady-state Navier–Stokes equations: error analysis and approaches for solving the nonlinear problem*
Swetha Kannan *Multigrid Methods 1*
- 25.05.2022
Kate McLain *Shallow water equations*
Subodh Khanger *Multigrid methods 2*
- 01.06.2022
Gregoire Pourtier *Numerical Methods for drift-diffusion models*
Abinaya Jayaprakash *Multigrid methods 3*
- 08.06.2022
Ali Khaled El-Rahhal *Solvers for coupled linear systems of equations*
Diana Wilke *Variational multiscale methods*
- 22.06.2022
Maher Khrais *ENO and WENO schemes for convection-dominated problems*
Lingwei Ye *Residual a posteriori error analysis of the Stokes equations*
- 13.07.2022
Andre Zepernick *The Smagorinsky LES model*
Marwa Zainelabdeen *N.N.*