

PROGRAMM

DIENSTAG 12. September

bis 14.00 **Anreise**

15.00 **Kaffee und Kuchen**

16.00	16.00-16.40	16.40-17.20	17.20-18:00
	Paul Straßer	Dominic Spiller	Andreas Andrzejczak
	Energy-stable numerical schemes for polymer-solvent phase field models	Spinodal decomposition of polymer-solvent systems	Spektralverfahren für die Cahn-Hilliard Gleichung

18.30 **Abendessen**

MITTWOCH 13. September							
8.00-9.00	Frühstück						
9.00	<table border="1"> <tr> <td style="background-color: #e0e0e0;">9.00-9.40</td> <td style="background-color: #e0e0e0;">9.40-10.20</td> </tr> <tr> <td>Peter Virnau</td> <td>Mária Lukáčová</td> </tr> <tr> <td>Classical computer simulations in statistical physics</td> <td>The role of measure-valued solutions in fluid dynamics</td> </tr> </table>	9.00-9.40	9.40-10.20	Peter Virnau	Mária Lukáčová	Classical computer simulations in statistical physics	The role of measure-valued solutions in fluid dynamics
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10:20-10.50	Kaffeepause						
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12:30-15.00	Mittagessen, Mittagspause						
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18.30	Abendessen						

DONNERSTAG 14. September – Wanderung

8.00-9.00 Frühstück

9.00



18.30 Abendessen

FREITAGTAG 15. September

8.00-9.00

Frühstück

9.00

9.00-9.40	9.40-10.20
Thorsten Raasch	Lukas Holbach
Numerical identification of sparse reaction networks	Adjoint-based inversion to model the nonlinear rheology of the lithosphere

10:20-10.50

Kaffeepause

10.50

10.50-11.30	11.30-12.10
Bettina Wiebe	Nikolas Porz
Numerical methods for cloud simulation	Activation of condensation via treatment of stiff components

12:30-15.00

Mittagessen, Mittagspause

15.00

15.00-15.40	15.40-16.20
Hannah Vogel	Niklas Kolbe
Stochastische Galerkin Verfahren für lineare Transportprobleme	A tumor invasion model for heterogeneous cancer cell populations: mathematical analysis and numerical methods

16.20-16.50

Kaffeepause

16.50-17.30	17.30-18.10
Dmitry Ivanizki	Simon Thomas
The Percus-Yevick approximation revisited	Energieberechnung von Molekülen

18.30

Abendessen

SAMSTAG 19. September

8.00-9.00

Frühstück

9.00

9.00-9.40	9.40-10.20
Martin Hanke-Bourgeois	Gerhard Jung
An asymptotic analysis of a coupled pde model	Mori-Zwanzig formalism and iterative reconstruction of memory kernels

10:20-10.50

Kaffeepause

10.50

10.50-11.30	11.30-12.10
Alex Disterhoft	Shuanhu Qi
Numerical approaches for polymer self-consistent field theory models	A hybrid particle-field simulation scheme and its application to polymer systems

12:30-14.30

Mittagessen

Ab 14.30

kleine Wanderung / Diskussionen / freies Program

18.30

Abendessen