

# Timetable

Monday, December 12

08:52 - 09:33		Train Berlin-Wittenberg
09:30 - 10:50		Registration
10:50 - 11:00		Opening ceremony
<i>Chairman:</i>	<i>Dmitrii Rachinskii</i>	
11:00 - 11:30	Pavel Krejčí	Rate independent hysteresis as a limit case of slow-fast systems
11:30 - 12:00	Thomas Erneux	Slow-fast asymptotics for delay differential equations
12:00 - 12:30	Martin Brokate	Optimal control of an ODE system coupled with the vectorial stop operator
12:30 - 14:00		Lunch
<i>Chairman:</i>	<i>Pavel Krejčí</i>	
14:00 - 14:30	Jana Kopfová	A model from thermoplasticity with temperature-dependent Preisach hysteresis
14:30 - 15:00	Pavel Gurevich	Reaction-diffusion equations with spatially distributed hysteresis
15:00 - 15:30	Daria Apushkinskaya	Parabolic obstacle type problems — a survey
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15:30 - 19:00		<i>Informal discussions and coffee</i>
19:00 - 21:00		Dinner

# Tuesday, December 13

08:00 - 09:00		Breakfast
<i>Chairman:</i>	<i>Jana Kopfová</i>	
09:00 - 09:30	Sergio Alonso	Effective medium theory for heterogeneous chemical reaction-diffusion media
09:30 - 10:00	Markus Bär	Where homogenization fails: Arrhythmias and percolation in a discrete model of cardiac tissue
10:00 - 10:30		Coffee break
<i>Chairman:</i>	<i>Christian Kuehn</i>	
10:30 - 11:00	canceled	
11:00 - 11:30	Dmitrii Rachinskii	An attempt at modelling memory effects in dynamics of spread of infectious disease
11:30 - 12:00		Coffee break
<i>Chairman:</i>	<i>Thomas Erneux</i>	
12:00 - 12:30	Christian Kuehn	Hunting french ducks in a noisy environment
12:30 - 13:00	Ilya Schurov	Canard cycles in generic slow-fast systems on the two-torus
13:00 - 14:30		Lunch
<i>Chairman:</i>	<i>Markus Bär</i>	
14:30 - 15:00	Michela Eleuteri	Determination of the equivalent anisotropy properties of polycrystalline magnetic materials: theoretical aspects and numerical analysis
15:00 - 15:30	Ondrej Hovorka	Rate-dependent hysteresis losses in ensembles of magnetic nanoparticle clusters
15:45 - 17:15		Excursion
17:30 - 19:00		<i>Informal discussions</i>
19:00 - 22:00		Banquet

# Wednesday, December 14

08:00 - 09:00		Breakfast
<i>Chairman:</i>	<i>Martin Brokate</i>	
09:00 - 09:30	Augusto Visintin	P.D.E.s with discontinuous hysteresis
09:30 - 10:00	Jens Starke	Equation-free analysis in neuroscience
10:00 - 10:30		Coffee break
<i>Chairman:</i>	<i>Jens Starke</i>	
10:30 - 11:00	Anna Kuznetsova	Controlling neural wave dynamics by nonlocal and time-delayed feedback
11:00 - 11:30	Phi Ha	On the stability of differential-algebraic PDEs by time-delayed feedback control
11:30 - 12:00		Coffee break
<i>Chairman:</i>	<i>Augusto Visintin</i>	
12:00 - 12:30	Thomas Roche	(Quasivariational) Sweeping processes on functions of bounded variation
12:30 - 13:00	Olaf Klein	Hysteresis operators for vector-valued inputs and their representation by functions on strings
13:00 - 13:10		Closing ceremony
13:10 - 14:30		Lunch
14:30 - 15:30		<i>Informal discussions and coffee</i>
16:22 - 17:05		Train Wittenberg-Berlin