

	Dienstag	Mittwoch	Donnerstag	Freitag
09-10	Anreise	Markus Dihlmann: Introduction to hp-methods and p/t-partitioning	Martin Gubisch: Short Introduction to control problems and optimization	Timo Tonn: - Introduction to the Empirical Interpolation Method (EIM), - Multi-Component EIM
10-11			Martin Gubisch: An optimal control problem for the inhomogeneous heat equation	
11-12		Immanuel Maier: Ein Iteratives Gebietszerlegungsverfahren für die RBM	Mark Kärcher: RB a-posteriori error bounds for parametrized optimal control problems	Jun.-Prof. Dr. Bernard Haasdonk: - Operator EIM
12-13		Kathrin Smetana: A new dimension reduction framework based on hierarchical model reduction and RBM		Martin Drohmann: - An "almost non-intrusively" Software Concept for Operator EIM
13-14		Mittagspause		
14-15		Mittagspause		
15-16	Martin Hess: RBM for Maxwell's equations arising from electrical circuits	Sven Kaulmann: A local RB discontinuous galerkin approach for heterogeneous multiscale problems	Lorenzo Zanon: RBM for nonlinear elasticity problems	Abreise
16-17	Dr.-Ing. Bernd Kleemann (Carl Zeiss): Real-time inverse scattering with RBM for a 3D phase grating with specific line roughness	Michael Schaefer: An RB Approach for Multiscale Optimization	Daniel Wirtz: Concepts of model reduction for nonlinear dynamical systems	
17-18	Mohammad Rasty: Certified RBM for nonlinear diffusion equations	Bernhard Wieland: RBM for PDEs on stochastic domains	Kristina Steih: RBM for time-periodic problems with wavelets	

Subject: partitioning of the parameter domain, spatial domain, time domain or the like...

Subject: control problems and optimization

Subject: empirical interpolation method