Schedule RBM Summer School 2012

		Tuesday		Wednesday		Thursday		Friday
08:00				**Breakfast**		**Breakfast**		**Breakfast**
09:00			RB Methods I	**Immanuel Maier** "An iterative RB scheme for homogeneous domain decomposition"	Optimization & Control	**Markus Dihlmann** "Gradient-based parameter optimization with a reduced basis surrogate model"	LP II	**Oliver Zeeb** "A Coupled Reaction-Convection-Diffusion-System"
10:00				**Break**		**Break**		**Break**
10:15				**Sven Kaulmann** "Online Reduced Basis Methods"		**Mark Kärcher** "A Certified Reduced Basis Method for Parametrized Optimal Control Problems"	Nonlinear Problems I	**Daniel Wirtz** "A-Posteriori error estimation for POD-DEIM reduced nonlinear systems"
11:15				**Felix Albrecht** "The Localized Reduced Basis Multiscale Method with Online Enrichment"		**Robert O'Connor** "Feedback Control Utilizing the Reduced Basis Method"		**Anna-Lena Gerner** "RBM for saddle point problems"
12:15								
12:30				**Lunch**		**Lunch**		**Lunch**
14:00			RB Methods II	**Bernhard Wieland** "Implicit partitions of probability spaces for the construction of affine decompositions of parametric stochastic processes"		**Free time / "Spaziergang"**	Nonlinear Problems II	**Lorenzo Zanon** "The RB Method for Nonlinear Elasticity"
15:00		**Arrival & Coffee**		**Kathrin Smetana** "Reduced Basis Methods in the context of Hierarchical Model Reduction"	Linear Problems I	**Olena Burkovska / Linus Wunderlich** "Reduced Basis Method for the Obstacle Problem"		**Joachim Krenciszek** "Model Reduction for a Dynamic Signorini Contact Problem using Proper Orthogonal Decomposition" / **Martin Drohmann** "Empirical Operator Interpolation"
16:00	Ext / RB App	**Andrea Wesche** "The Reduced Basis Method Applied on the Transport Equations of a Lithium-Ion Battery"		**Coffee**		**Coffee**		**Departure**
16:30				**Stephan Rave** "Freezing Solutions of Time Evolution Problems for Reduced Basis Approximation"		**Martin Hess** "Fast Evaluation of Time-Harmonic Maxwell's Equations Using the RBM"		
17:00		**Maximilian Walther** "Modelreduction for partial differential equations on networks"						
17:30						**Yongjin Zhang** "An adaptive technique for snapshot selection during model reduction for parameterized evolution equations"		
18:00								
18:30		**Dinner**		**Dinner**		**Dinner**		