

**Timetable for the Annual Workshop 2010 in Goslar
of the DFG Research Training Group 1023
“Identification in Mathematical Models:
Synergy of Stochastic and Numerical Methods”**

Monday, Oct 4

Time	Speaker	<i>Introduced by</i>
	Title	
10:00 – 10:45	Zhijie Dong	<i>Wiebke Lemster</i>
	Prediction of protein interfaces with conditional random fields	
10:45 – 11:30	Ahmet Altundag	<i>Frank Werner</i>
	Nonlinear integral equations for inverse boundary value problems	
11:30 – 12:15	Karola Kombrink	<i>Thorsten Krempasky</i>
	Non-inferiority trials	
12:30	Lunch	
14:00 – 14:45	Timo Heister	<i>Robert Stück</i>
	Parallel solvers for incompressible flow problems	
14:45 – 15:30	Lars Röhe	<i>Benjamin Tams</i>
	On the variational multiscale method as a viscosity model for turbulent flows	
15:30 – 16:00	Coffee break	
16:00 – 16:45	Johannes Löwe	<i>Marco Oesting</i>
	Large eddy simulation for thermally coupled turbulent air flow	
16:45 – 17:30	Wiebke Lemster	<i>Boris Marx</i>
	A MHD problem on unbounded domains - Coupling of FEM and BEM	
18:30	Dinner	
21:30 – <i>open end</i>	Chaired by Stephan Waack and Boris Marx	
	Beer, bread and Mettwurst	

Tuesday, Oct 5

Time	Speaker	<i>Introduced by</i>
	Title	
9:00 – 9:45	Kirstin Storkorb	<i>Christoph Rügge</i>
	Extremal coefficient functions and positive definiteness	
9:45 – 10:30	Marco Oesting	<i>Thomas Peter</i>
	Estimation of the smoothness parameter of the Whittle-Matérn kernel	
10:30 – 11:00	Coffee break	
11:00 – 11:45	Dennis Heinen	<i>Johannes Löwe</i>
	Manifold learning algorithms and dimensionality reduction	
11:45 – 12:30	Thomas Peter	<i>Philipp Marnitz</i>
	Fast algorithms for efficient signal-representation in redundant frames	
12:30	Lunch	
13:30 – 14:15	Benjamin Tams	<i>Lars Röhe</i>
	Open questions on the security of fingerprint applications	
14:15 – 15:00	Thorsten Krempasky	<i>Karola Kombrink</i>
	Line location with restriction on the slope	
15:30	Excursion to Rammelsberg	
18:30	Dinner	
19:30	General assembly	

Wednesday, Oct 6

Time	Speaker	<i>Introduced by</i>
	Title	
9:00 – 9:45	Christoph Rügge	<i>Kirstin Strokorb</i>
	tba	
9:45 – 10:30	Frank Werner	<i>Johannes Schmidt-Hieber</i>
	An iteratively regularized Newton method for inverse problems with Poisson data	
10:30 – 11:00	Coffee break	
11:00 – 11:45	Katsiaryna Schwarz	<i>Maryam Pazouki</i>
	On equivalent kernels for (periodic) penalized spline estimators	
11:45 – 12:30	Maryam Pazouki	<i>Katsiaryna Schwarz</i>
	Classes of bases for kernel spaces	
12:30	Lunch	