Workshop on "Structure Adapting Methods"
Berlin, November 6 – 8, 2009

Friday, November 6, 2009	
13.00 – 14.00	Registration
14.00 – 14.10	Opening
Section 1. Chair: Markus Reiß	
	Plenary Talks
14.10 – 14.50	**Wolfgang Karl Härdle**
	(C.A.S.E., Humboldt-Universität zu Berlin, Germany)
	Missing theory, working applications in SAM
14.50 – 15.30	**Joel Horowitz**
	(Northwestern University, USA)
	Uniform confidence bands for functions estimated nonparametrically with instrumental variables
15.30 – 16.00	Coffee break
	Plenary Talks
16.00 – 16.40	**Alexandre Tsybakov**
	(CREST, Université Paris 6 and Ecole Polytechnique, France)
	Optimal rates of sparse estimation
16.40 – 17.20	**Alexander Goldenshluger**
	(University of Haifa, Israel)
	Selection of kernel density estimators: L_p-risk oracle inequalities
17.20 – 18.00	**Oleg Lepski**
	(Universite de Provence, France)
	Density estimation on R^d
Saturday, November 7, 2009	
Section 2. Chair: Wolfgang Karl Härdle	
	Plenary Talk
09.00 – 10.00	**Vladimir Spokoiny**
	(Weierstrass Institute for Applied Analysis and Stochastics, Germany)
	Saddle point model selection
10.00 – 10.30	Coffee break
	Plenary Talks
10.30 – 11:10	**Anatoli Juditsky**
	(Universite J. Fourier, France)
	On statistical applications of l_1-recovery
11.10 – 11.50	**Sara van de Geer**
	(Seminar für Statistik ETH Zürich, Switzerland)
	On the conditions to prove oracle results for the Lasso
11.50 – 12.30	**Dominique Picard**
	(Universite Denis-Diderot, France)
	LOL : Learning out of leaders
12.30 – 14.00	Lunch

Section 3. Chair: Nikolaus Hautsch	
	Plenary Talks
14.00 – 14.40	**Peter Bühlmann** (Seminar für Statistik ETH Zürich, Switzerland) Statistics for high-dimensional data: toward more reliable results
14.40 – 15.20	**Enno Mammen** (Mannheim, Germany) Nonparametric regression with nonparametrically generated covariates
15.20 – 16:00	**Ya'acov Ritov** (HUJI, Jerusalem, Israel) Sparse empirical Bayes analysis
16.00 – 16.15	Coffee break
	Contributed Talks
16.15 – 16.35	**Richard Nickl** (University of Cambridge, United Kingdom) Finite sample confidence bands for needlet estimators on the unit sphere
16.35 – 16.55	**Angelika Rohde** (Universität Hamburg, Germany) Adaptive confidence sets for the best approximating model
16.55 – 17.15	**Nicole Krämer** (Machine Learning Group, TU Berlin, Germany) Regularized estimation of large-scale gene association networks using graphical Gaussian models
17.15 – 17.30	Coffee break
	Contributed Talks
17.30 – 17.50	**Stefan Sperlich** (Georg-August Universitt Göttingen, Germany) An adaptive model class: sliding from fixed to random effects models
17.50 – 18.10	**Ying Chen** (National University of Singapore, Singapore) Robust risk management
19.00	Conference Dinner

Sunday, November 8, 2009	
Section 4. Chair: Dominique Picard	
	Plenary Talks
09.00 – 09.40	**Mikhail Malyutov**
	(Northeastern University, Boston, USA)
	Capacity of screening comparison for three methods of the outputs analysis
09.40 – 10.20	**Gerard Kerkyacharian**
	(Laboratoire de probabilites et modeles aleatoires, Paris, France)
	Different constructions of needlets and their use in statistic
10.20 – 10.50	Coffee break
	Contributed Talks
10.50 – 11.10	**Shota Gugushvili**
	(Technische Universiteit Eindhoven, Holland)
	Nonparametric inference for discretely sampled Lévy processes
11.10 – 11.30	**Elmar Diederichs**
	(Free University of Berlin, Germany)
	Sparse nongaussian component analysis by semidefinite programming
11.30 – 11.50	**Nora Serdyukova**
	(Weierstrass Institute for Applied Analysis and Stochastics, Germany)
	Local parametric estimation under noise misspecification in regression problem