Rencontres de Statistiques Mathématiques 6

CIRM, Marseille, 11-15 décembre 2006

Lundi 11 décembre :

- 9h15-10h Tsybakov Alexandre (Université Paris 6)
  Aggregation and sparsity in high-dimensional models.
- 10h30-11h15 Koltchinskii Vladimir (Georgia Institute of Technology)
  Sparsity and ℓ_p-penalization.
- 11h15-12h Berthet Philippe (Université Rennes 1)
  Gaussian approximation of the empirical process indexed by functions.

- 16h-16h45 Hohage Thorsten (Gottingen University)
  Iterative statistical estimation for nonlinear inverse problems.
- 17h15-18h Kim Peter (University of Guelph)
  Deconvolution on the Euclidean motion group.
- 18h-18h45 Jongbloed Geurt (Amsterdam University)
  Least squares estimation in deconvolution models with decreasing kernel.

Mardi 12 décembre :

- 9h10-9h45 Kerkyacharian Gérard (Université Paris 10)
  Investigation around the cosmological microwave background.
- 9h45-10h20 Picard Dominique (Université Paris 7)
  Second generation wavelet and inverse problems.
- 10h50-11h25 Willer Thomas (Université Paris 7)
  Optimality and applications of a second generation wavelet estimator for inverse problems.
- 11h25-12h Delattre Sylvain (Université Paris 7)
  On inverse problems with errors in the eigen-values.

- 16h-16h45 Leonov Sergeï (GlaxoSmithKline)
  Optimal design for pharmacokinetic models described by stochastic differential equations.
- 17h15-18h Levit Boris (Queen's University)
  C-splines and nonparametric regression.
- 18h-18h45 Bigot Jérémie (Université Toulouse 3)
  Homeomorphic smoothing splines: a new tool for monotonizing a non-constrained estimator in nonparametric regression.

Mercredi 13 décembre :

- 9h15-10h Reiss Markus (Heidelberg University)

  Asymptotic equivalence for regression with random design.

- 10h30-11h15 Spokoiny Vladimir (Weierstrass Institute)

  Exponential bounds for the minimum contrast estimate with applications to estimation of change point location.

- 11h15-12h Katkovnik Vladimir (Tampere University of Technology)

  Spatially adaptive estimation via fitted local likelihood techniques.

Jeudi 14 décembre :

- 9h15-10h Goldenshluger Alexandre (University of Haifa)

  On aggregation of nonparametric estimators.

- 10h30-11h15 Rouvière Laurent (Université Rennes 2)

  Combinatorial selection in variable kernel density estimates.

- 11h15-12h Lember Jüri (University of Tartu)

  Density estimation using Bayesian methods with fast rate.

- 16h-16h45 Ingster Yuri (Electrotechnical University)

  On estimation and detection of high-variable functions.

- 17h15-18h Hoffmann Marc (Université Marne-la-vallée)

  Nonparametric estimation of a multifractal signal.

- 18h-18h45 Belitser Eduard (Utrecht University)

  Adaptive confidence set in white noise model.

Vendredi 15 décembre :

- 9h10-9h45 Rigollet Philippe (Université Grenoble 1)

  Fast rates for plug-in estimators of density level sets.

- 9h45-10h20 Gaiffas Stéphane (Université Paris 10)

  Minimax rates and adaptation in the single index model.

- 10h50-11h25 Chesneau Christophe (Université Paris 7)

  Adaptive wavelet estimators for a deconvolution problem.

- 11h25-12h Lecué Guillaume (Université Paris 6)

  Optimality and applications of aggregation procedures.