Rencontres de Statistiques Mathématiques 10

CIRM, 13-17 décembre 2010

Lundi 13 décembre :

- 9h00-10h30 Giné Evarist (University of Connecticut)

  Empirical process techniques in nonparametric estimation.

- 11h00-11h35 Dalalyan Arnak (ENPC)

  Aggregation of affine estimators for heteroscedastic regression.

- 11h35-12h10 Laurent Béatrice (INSA Toulouse)

  Non asymptotic minimax rates of testing in signal detection with heterogeneous variances.

- 16h00-17h00 Cavalier Laurent (Université Aix-Marseille 1)

  Inverse problems in statistics.

- 17h15-18h15 Tsybakov Alexandre (CREST)

  Statistical inference about high-dimensional matrices.

- 18h30-19h05 Samworth Richard (University of Cambridge)

  Optimal weighted nearest neighbour classifiers.

Mardi 14 décembre :

- 9h00-10h30 Giné Evarist (University of Connecticut)

  Empirical process techniques in nonparametric estimation.

- 11h00-11h35 Abramovich Felix (Tel Aviv University)

  MAP model selection in Gaussian regression.

- 11h35-12h10 Nickl Richard (University of Cambridge)

  On adaptive nonparametric inference and confidence bands.

- 16h00-17h00 Kerkyacharian Gérard (Université Paris 10)

  Wavelet frames, thresholding and minimax rates: from Fourier to heat kernels.

- 17h15-18h15 Picard Dominique (Université Paris 7)

  Wavelet frames, thresholding and minimax rates: from Fourier to heat kernels.

- 18h30-19h05 Sardy Sylvain (Université de Genève)

  Smooth James Stein thresholding for concomitant signal denoising.

Mercredi 15 décembre :

- 9h00-10h30 Spokoiny Vladimir (Weierstrass Institute)
  Statistical estimation: modern view.

- 11h00-11h35 Mathé Peter (Weierstrass Institute)
  Conjugate gradient iteration for statistical inverse problems.

- 11h35-12h10 Kim Peter (University of Guelph)
  Minimax estimation for mixtures of Wishart distributions.

Jeudi 16 décembre :

- 9h00-10h30 Spokoiny Vladimir (Weierstrass Institute)
  Statistical estimation: modern view.

- 11h00-11h35 Baraud Yannick (Université Nice)
  Selecting among arbitrary estimators.

- 11h35-12h10 Pensky Marianna (University of Central Florida)
  Estimation of a regression function on the basis of incomplete data.

- 16h00-17h00 Iouditski Anatoli (Université Grenoble 1)
  Nonparametric estimation and testing by convex optimization.

- 17h30-18h05 Kleptsyna Marina (Université du Mans)
  Filtering problems with exponential criteria- Reduction to quadratic problems.

- 18h05-18h40 Pereverzev Sergeï (Johann Radon Institute)
  On data-driven regularization in Reproducing Kernel Hilbert Spaces.

Vendredi 17 décembre :

- 9h00-9h35 Reynaud Patricia (CNRS, Nice)
  Statistical estimation of the division rate of a size-structured population.

- 9h35-10h10 Becker Saskia (Weierstrass Institute)
  Regularization of statistical inverse problems and the Bakushinskii veto.

- 10h40-11h15 Chichignoud Michaël (Université Aix-Marseille 1)
  Adaptive Bayes estimator for general regression model.

- 11h15-11h50 Minsker Stanislav (Georgia Institute of Technology)
  Plug-in approach to active learning.