Rencontres de Statistiques Mathématiques 4

CIRM, 13-17 décembre 2004

Lundi 13 décembre :

- 9h30-10h05 Ibragimov Ildar (Steklov Mathematical Institute)
  On the estimation of analytic densities on the base of censured sampling.
- 10h40-11h15 Spokoiny Vladimir (Weierstrass Institute)
  Adaptive estimation using propagation-separation approach.
- 11h15-11h50 Ermakov Michaël (Institute of mechanical engineering)
  When does bootstrap work in the moderate deviation zone ?

- 16h-16h35 Iouditski Anatoli (Université Grenoble 1)
  Nonparametric denoising of signals with unknown local structure.
- 16h35-17h10 Goldenshluger Alexandre (Haifa University)
  Optimal change-point estimation from indirect observations.
- 17h40-18h15 Reiss Markus (Humboldt University)
  An ill-posed problem arising in the calibration of Levy models.
- 18h15-18h50 Belomestny Denis (Weierstrass Institute)
  Local modelling via stagewise aggregation.

Mardi 14 décembre :

- 9h30-10h05 Low Mark (Wharton Faculty)
  Adaptive estimation of quadratic functionals.
- 10h40-11h15 Grama Ion (Université de Vannes)
  On adaptive estimation of the tail of a distribution function.
- 11h15-11h50 Gushchin Alexandre (Steklov Mathematical Institute)
  Quadratic approximations for log-likelihood ratio processes.

- 16h-16h35 Golubev Yuri (CNRS, Université Aix-Marseille 1)

  Risk hull method and regularization by projections of ill-posed inverse problems.

- 16h35-17h10 Hoffmann Marc (Université Marne-la-vallée)

  Nonlinear estimation for linear inverse problems with error in the operator.

- 17h40-18h15 Mathé Peter (Weierstrass Institute)

  Adaptive regularization of some inverse statistical problems.

- 18h15-18h50 Pereverzev Sergeï (Johann Radon Institute)

  Regularization of inverse problems with discretized random noisy data.

Mercredi 15 décembre :

- 9h10-10h15 Levit Boris (Queen's University)

  Nearly optimal designs in nonparametric estimation of analytic functions.

- 10h50-11h25 Leonov Sergeï (GlaxoSmithKline)

  Optimal design of population pharmacokinetic studies.

- 11h25-12h Zaiats Vladimir (Université de Vic)

  Application of an irregular sampling in the estimation of functional characteristics of stochastic processes: ideas and tools.

Jeudi 16 décembre :

- 9h10-9h45 Malyutov Mikhail (Northeastern University)

  Robust semiparametric ORTHOGONAL regression in finding significant genes using CDNA array data.

- 9h45-10h20 Larédo Catherine (INRA)

  Extension of Leroux's method for general Hidden Markov Models.

- 10h50-11h25 Fougères Anne-Laure (INSA Toulouse)

  Bivariate conditional models for extremes in practice: comparisons and applications.

- 11h25-12h Stoltz Gilles (ENS)

  Regret minimization under partial monitoring.

- 16h-16h35 Ingster Yuri (Electrotechnical University)

  On estimation and detection of smooth function of large number of variables: connection with lattice problem.

- 16h35-17h10 Enikeeva Farida (Eurandom)

  Testing the smoothness by empirical Bayes approach.

- 17h40-18h15 Pouet Christophe (Université Aix-Marseille 1)

  Hypothesis testing under alternatives being composite functions.

Vendredi 17 décembre :

- 9h10-9h45 Rivoirard Vincent (Université Paris 11)

  Comparisons of procedures by using the maxiset approach.

- 9h45-10h20 Autin Florent (Université Paris 7)

  On data-driven thresholding rules and group-thresholding rules.

- 10h50-11h25 Rigollet Philippe (Université Paris 6)

  Adaptive density estimation using a blockwise Stein method.

- 11h25-12h Gaiffas Stéphane (Université Paris 7)

  Pointwise adaptive estimation of the regression when the design is degenerate.