

Registration: 8.30 – 9.30.

PROGRAM: 17–22.01.2011

Monday, 17.01. Morning session. Beginning 9.30

- Introduction (5 Min)
- Shiryaev A. N. Professor Skorokhod: *in memoriam* . (9.35 - 10.35)
- Eberlein E. Lévy driven financial models. (10.45 -12.55).

Afternoon session. Beginning 15.00

- Eberlein E. Lévy driven financial models. (15.00 -16.00).
- Douady R. Financial crisis dynamics: attempt to define a market instability indicator. (16.20 - 16.50)
- Denis E. Modified Leland's strategy for constant transaction costs rate. (17.00-17.30)
- Touzi N. Model-free arbitrage bounds: a stochastic control approach. (17.40 - 18.20)
- Rheinländer T. Quasi self-dual processes, with a view towards hedging. 18.30 -19.00)
- Kreinin A. Shiryaev's embedding and Skorohod problem. (19.00 - 19.30)

Tuesday, 18.01

- C. Klüppelberg. Modeling electricity markets: spots, forwards and risk premiums. (14.00 - 14.45)
- Siu C.C. On the first passage time under regime-switching with jumps. (14.50 - 15.20)
- Pham H. Optimal investment under multiple defaults risk: a BSDE-decomposition approach. (15.25 - 15.55)
- Suzuki T. Optimal default and liquidation with tangible assets and strategic debt service. (16.15 - 16.45)
- Gobet E. Pricing with discrete dividends: analytical approximations. (16.50-17.20)
- Novikov A. Pricing of volume-weighted average options: analytical approximations and numerical results. (17.30 - 18.00)
- Kharroubi I. Progressive enlargement of filtrations and backward stochastic SDEs with jumps. (18.00 - 18.30)
- Pergamenchtchikov S. Optimal consumption and investment with bounded downside risk measures. (18.40 - 19.10)
- Sekine J. Risk-sensitive portfolio optimization with small-noise and large-risk-aversion. (19.10 - 19.40)

Wednesday, 19.01

- Shiryaev A.N. Testing of three statistical hypotheses. (14.00 - 14.45)
- Zariphopoulou T. Approximations schemes for investment performance processes in incomplete markets. (14.50 - 15.20)
- Last G. Martingale representations for Poisson processes and their application to Lévy processes. (15.25 - 15.55)
- Arkin V., Slastnikov A. Compensation of high level credit rates by tax exemptions. (16.15 - 16.45)
- Ortega J.-P. Multivariate GARCH estimation via a Bregman-proximal trust-region method. (16.50-17.20)
- Schmutz M. Selected topics on static- and semi-static hedging. (17.30 - 18.00)
- Macrina A. Lévy random bridges. (18.00 - 18.30)
- DanilovaA. Explicit construction of a dynamic Bessel bridge of dimension 3. (18.40 - 19.10)
- Elie R.

Thursday, 20.01

- Carmona R. Lévy market models and Monte Carlo simulations of arbitrage free implied volatility surfaces. (14.00 - 14.45)
- Delbaen F. Limit theorems for φ -convergence. (14.50 - 15.20)
- Heppenger P. Low-dimensional PIDEs for high-dimensional options. (15.25 - 15.55)
- Sonin I. Optimal stopping of seasonal observations and calculation of related fundamental matrices. (16.15 - 16.45)
- Crepey S. Counterparty risk. (16.50-17.20)
- Ostafe L. Asymptotic arbitrage in large financial markets with friction. models. (17.30 - 18.00)
- Choulli T. New developments for defaultable markets. (18.00 - 18.30)
- Fukasawa M. Asymptotic expansion of the implied volatility under stochastic volatility models with jumps. (18.40 - 19.10)

Friday, 21.01

- Schweizer M. Stability of sigma-martingale densities in $L \log L$ under an equivalent change of measure. (14.00 - 14.45)
- Tankov P. High order discretization schemes for Lévy-driven SDEs. (14.50 - 15.20)
- Grbac Z. Lévy Libor modeling with credit risk. (15.25 - 15.55)
- Peresetsky A. What are factors the Russian stock market depending on? (16.15 - 16.45)
- Molchanov I. Partially identified models. (16.50-17.20)
- Presman E. Solution of the optimal stopping problem of one-dimensional diffusion based on a modification of the payoff function. (17.30 - 18.00)
- Vostrikova L. An f -divergence approach for optimal portfolios in exponential Lévy. (18.00 - 18.30)
- Dolinsky Y. Limit theorems for partial hedging under transaction costs. (18.40 - 19.10)

Saturday, 12.01

DISCUSSIONS