Scientific program

January 24

9.00-10.30  **Registration**  
(The registration desk is open from Jan.24 (time 9:00) to Jan.25 (time 13:00))

10.30-10.45  **Welcome address**

10.45-12.45  **Parallel sessions**

Track 1 (room Alberti 13)
10.45-11.15 **Thorsten Rheinländer**  
Static hedging of exotic options

11.15-11.45 **Giovanni Salvi**  
Covariance and correlation Swap pricing for financial markets with Markov-modulated volatilities

11.45-12.15 **Ilya Sheynzon**  
Quantitative modelling of market booms and crashes

12.15-12.45 **Tiziano Vargiolu**  
Calibration of a multifactor model for the forward markets of several commodities

12.45-14.00 **Lunch** (room 3 )

14.00-18.00 **Parallel sessions**

Track 1 (room Alberti 13)
14.00-14.30 **Yue Kuen Kwok**  
Two-person game options analysis of information asymmetry in callable-convertible bonds

14.30-15.00 **Stéphane Goutte**  
Mean variance hedging under default risk

15.00-15.30 **Sana Mahafoudh**  
Option pricing under stochastic volatility, jumps and incomplete information

15.30-16.00 **Mustafa Pinar**  
Mean semi-deviation from a target and robust portfolio choice under distribution and mean return ambiguity

16.00-16.30 **Coffee break** (room 3 )

Track 2 (room Alberti 14)
10.45-11.15 **Stefano Colucci**  
A small survey of quantitative models that discard estimation of expected returns for portfolio construction

11.15-11.45 **Kvasničkova Eva**  
Impact of luck on performance classification of socially responsible and conventional mutual funds

11.45-12.15 **Kaouther Flifel**  
Impact of hedge funds on traditional investment products

12.15-12.45 **Massimiliano Caporin**  
An heterogeneous agents approach with an application: Herding Behavior for positive feedback effect

16.00-16.30 **Coffee break** (room 3 )
Track 1 (room Alberti 13)
16.30-17.00  Sara Biagini
Dynamic quasi concave performance measures
17.00-17.30  Stefano Baccarini
Portfolio Optimization over a Finite Horizon with Fixed and Proportional Transaction Costs
17.30-18.00  Francesco Cesarone
A Practically Realizable Strong Stochastic Dominance Model for Enhanced Indexation

20.00  Dinner at the restaurant "Club Nautico"

January 25

9.15-13.10  Parallel sessions
Track 1 (room Alberti 13)
9.15-9.45  Barbara Trivellato
The minimal $k$-entropy martingale measure
9.45-10.15  Ruggero Caldana
A general closed-form spread option pricing formula
10.15-10.45  Carlo Sgarra
European option pricing with transaction costs and stochastic volatility: an asymptotic analysis

10.45-11.10  Coffe break (room 3)

Track 1 (room Alberti 13)
11.10-11.40  Alessandra Cretarola
Local risk-minimization under partial information via BSDEs
11.40-12.10  Lorenzo Torricelli
Valuation of asset and volatility-dependent derivatives using decoupled time-changed Lévy processes
12.10-12.40  Salvatore Federico
Smooth-fit principle for a degenerate two-dimensional singular stochastic control problem arising in irreversible investment
12.40-13.10  Carlo Mancini
Quadratic BSDEs with jumps: solutions and applications

Track 2 (room Alberti 14)
16.30-17.00  Stefano Benati
Using Medians in Portfolio Optimization
17.00-17.30  Sarah Draus
Circuit Breakers and Market Runs
17.30-18.00  Silvia Muzzioli
The forecasting performance of corridor implied volatility: from calm to turmoil

10.45-11.10  Coffe break (room 3)

Track 2 (room Alberti 14)
11.10-11.40  Barbara Bedowska-Sojka
Macroeconomic news effects on the stock markets in intraday perspective
11.40-12.10  Enrico Foscolo
Empirical detection and measure for spatial financial contagion
12.10-12.40  Stefano Zedda
A simulation approach to distinguish risk contribution roles to systemic crises
12.40-13.10  Antonella Basso
Constant and variable returns to scale DEA models for socially responsible investment funds
13.10-14.30  **Lunch** (room 3)

Track 1 (room Alberti 13)

14.30-15.00  **Mario Dell'Era**  
Semi-closed solution for Heston PDE by geometrical transformations

15.00-15.30  **Stefano Pagliarani**  
Portfolio optimization in a defaultable Lévy driven market model

15.30-16.00  **Enrico Edoli**  
Pricing of gas swing contracts: a viscosity solution approach

16.00-16.30  **Coffee break** (room 3)

16.30  Conclusion

Track 2 (room Alberti 14)

14.30-15.00  **Enrico Scalas**  
A parsimonious model for intraday European option pricing

15.00-15.30  **Rossella Agliardi**  
Hedging through a limit order book with varying liquidity