



Workshop on

— Risk and Regulation

Freiburg, October 17–18, 2014

Today's international financial world represents a high tech branch of the economy that is rapidly evolving. Increasingly demanding financial products and an ever stronger international interconnectedness of corporations and economies has led to a high degree of complexity of the economic and financial structures. The 2007–2009 financial crisis has illustrated the resulting risks in an impressive way.

This conference seeks to bring together researchers and practitioners in economics and mathematics in order to foster discussions that can contribute to a better understanding of the dependence structures in financial markets, the sources of market failure, and appropriate methods for the regulation of financial markets to ensure long-term stability of the financial system.

Confirmed invited speakers include

Jan Kallsen (Universität Kiel)

Gechun Liang (King's College London)

Giovanni Puccetti (University of Firenze)

Alexander Schied (Universität Mannheim)

Thorsten Schmidt (TU Chemnitz)

Rafael Schmidt (BIS Basel)

Wim Schoutens (KU Leuven)

Gerhard Stahl (Talanx AG Hannover)

Peter Tankov (Université Paris 7)

Steven Vanduffel (Vrije Universiteit Brussel)

The workshop is organized by

Ernst Eberlein (Department of Mathematics, University of Freiburg)

Eva Lütkebohmert-Holtz (Department of Quantitative Finance, University of Freiburg)

Ludger Rüschendorf (Department of Mathematics, University of Freiburg)

The workshop is sponsored by the Freiburg Institute for Advanced Studies (FRIAS, University of Freiburg)

Venue

October 17, 2014: University of Freiburg, Main Campus (Humanities), University Building I, Lecture Hall 1015, Platz der Universität 3, 79098 Freiburg i. Br., Germany

October 18, 2014: University of Freiburg, Natural Sciences Campus ("Institutsviertel"), Weismann-Haus, Albertstraße 21a, 79104 Freiburg i. Br., Germany

Registration is open starting October 1, 2014. The event will take place at the University of Freiburg.

For more information see <http://www.stochastik.uni-freiburg.de/risk-and-regulation/>

Albert-Ludwigs-Universität Freiburg

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Friday, October 17, 2014

University of Freiburg, Main Campus (Humanities), University Building I, Lecture Hall 1015,
Platz der Universität 3, 79098 Freiburg i. Br., Germany

- 09:30 *Welcome*
- 09:40 **Giovanni Puccetti: An academic response to Basel 3.5**
- 10:30 *Coffee Break*
- 10:50 **Steven Vanduffel: How robust is the Value-at-Risk of portfolios?**
- 11:40 **Wim Schoutens: Recent advances in CoCo bonds, bail-in and contingent capital**
- 12:30 *Lunch Break*
- 14:00 **Gerhard Stahl: Model risk – from a practitioner's perspective**
- 14:50 **Rafael Schmidt: Micro- and macro-prudential stress testing**
- 15:40 *Coffee Break*
- 16:00 **Alexander Schied: Comparative and qualitative robustness for law-invariant risk measures**
- 16:50 **Thorsten Schmidt: Credit risk: Modelling, risk management and new developments**

Saturday, October 18, 2014

University of Freiburg, Natural Sciences Campus (“Institutsviertel”), Weismann-Haus,
Albertstraße 21a, 79104 Freiburg i. Br., Germany

- 09:30 **Peter Tankov: Asymptotic methods in portfolio risk management**
- 10:20 **Gechun Liang: From backward to forward utility maximization**
- 11:10 *Coffee Break (in Eckerstr. 1, room 331)*
- 11:50 **Jan Kallsen: Arbitrage-free modelling of liquid derivatives**
- 13:00 *Lunch*

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