

1st International Ruhr Energy Conference
University of Duisburg-Essen
Essen, Germany
5–6 October 2009

Stochastics and Risk Modelling for Energy and Commodity Markets

Innovative Approaches in
Economics, Finance and Engineering

Second Call for Papers

Conference objectives: The energy sector is in a process of rapid change. Decision makers have to take into account a multitude of different factors: strong price fluctuations, changing political and regulatory frameworks and dynamic technology developments. In this particularly challenging environment new methods and approaches are needed to deal with risk and uncertainty in a theoretically sound and practically feasible way.

The 1st International Ruhr Energy Conference aims at gathering scientists and practitioners from different backgrounds for deepened discussions on energy market modelling and decision support. By having a closer look at topical methods developed to describe and handle risk and uncertainty, we aim at providing new insights and new solutions for the energy markets of the future.

Call for papers: The Chair for Management Science and Energy Economics (EWL) is pleased to announce a call for papers for the 1st International Ruhr Energy Conference to be held 5–6 October 2009 in Essen, Germany. You are cordially invited to submit proposals for presentations at the concurrent sessions.

Conference themes and topics

The conference focuses on contributions in the following research areas:

- **Trading in commodity markets:** Design and evaluation of trading strategies in spot and derivative markets
- **Multivariate non-normal price distributions:** Financial and fundamental models for simulating and forecasting price characteristics in electricity and other commodity markets
- **Risk measurement and validation of risk models:** Risk assessment and risk metrics with a particular emphasis on systemic and liquidity risk
- **Physics and commercial operations:** Improvements in current market designs to cope with non-storability and technical constraints (e.g. laws of load flow) in electricity markets as well as with limited capacities and different gas qualities in gas markets
- **Investments under uncertainty:** Optimization-based and other methods for decision support in longer term decision making
- **Fluctuating renewables and markets:** Developing products, mitigating risks and operating grids and markets with high penetration of wind and solar

Abstract format: The abstract is to be handed in as an electronic document (pdf or doc(x) file) and should contain 300 to 600 words. Please send it to abstracts@inrec.org. The abstract should include: authors' names; institution; address; phone number; email address; topic; methodology and results; conclusion.

Conference venue and accommodations: The conference venue is the campus of the University Duisburg-Essen in Essen, conveniently located at the heart of the city. A list of proposed accommodations can be found at www.inrec.org.

Further issues: The conference language is English. Standard participation fee is 120 €. There are reduced fees for full-time students (40 €) and speakers (60 €). There is an early registration discount of 30 €.

Journal of Energy Markets: Submitted full papers will be considered for publication in a special issue of the Journal of Energy Markets. Details of the application process can be found at:
<http://www.inrec.wiwi.uni-due.de/jem-special-issue/>

Scientific committee:

Prof. Dr. Christoph Weber, Essen (Chair)
Prof. Dr. Wolf Fichtner, Karlsruhe
Prof. Dr. Rüdiger Kiesel, Ulm
Prof. Dr. Christian Rehtanz, Dortmund

Dates and Deadlines:

Abstract submission deadline	10 August 2009
Abstracts admission notification	20 August 2009
Early registration deadline	1 September 2009
Conference date	5–6 October 2009

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