2nd International Symposium on Energy and Finance Issues (ISEFI-2014)

organized by EconomiX (University of Paris West Nanterre La Défense), IPAG Business School, and CGEMP (University of Paris Dauphine)

08:30am-6:40pm │ March 28, 2014

IPAG Business School
184, Boulevard Saint-Germain, 75006 Paris
## Program at a Glance

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>08:30am - 08:50am</td>
<td>Registration &amp; Continental Breakfast</td>
<td>Amphitheatre</td>
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<tr>
<td>08:50am - 09:00am</td>
<td>Opening and Welcome Note&lt;br&gt;By Anna Creti (<em>University of Paris Dauphine</em>), Fatih Karanfil (<em>University of Paris Ouest Nanterre La Défense</em>), Duc Khuong Nguyen (<em>IPAG Business School</em>), and Frédéric Teulon (<em>IPAG Business School</em>)</td>
<td>Amphitheatre</td>
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<tr>
<td>09:00am - 10:00am</td>
<td>Keynote Lecture I&lt;br&gt;By Professor Derek Bunn, <em>London Business School</em></td>
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<td>10:00am - 10:30am</td>
<td>Coffee Break</td>
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<tr>
<td>10:30am - 12:00am</td>
<td>Parallel Session A&lt;br&gt;Session A1&lt;br&gt;Session A2</td>
<td>Amphitheatre</td>
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<tr>
<td>12:00am - 02:00pm</td>
<td>Lunch Break</td>
<td>Restaurant</td>
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<td>02:00pm - 03:00pm</td>
<td>Keynote Lecture II&lt;br&gt;By Professor Matteo Manera, <em>University of Milano-Bicocca</em></td>
<td>Amphitheatre</td>
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<td>03:00pm - 04:30pm</td>
<td>Parallel Session B&lt;br&gt;Session B1&lt;br&gt;Session B2</td>
<td>Amphitheatre</td>
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<td>04:30pm - 05:00pm</td>
<td>Coffee Break</td>
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<td>05:00pm - 06:30pm</td>
<td>Session C</td>
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<tr>
<td>06:30pm - 06:40pm</td>
<td>Concluding Remarks</td>
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## Detailed Program

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<td>09:00am – 10:00am</td>
<td><strong>Keynote Lecture I</strong>&lt;br&gt;“Trends and Models of Asset Performance Risk in the Decarbonising Power Markets”&lt;br&gt;By <strong>Professor Derek Bunn, London Business School</strong></td>
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<td>10:30am – 12:00am</td>
<td><strong>Parallel Sessions A</strong></td>
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<tr>
<td>10:30am – 12:00am</td>
<td><strong>Session A1: Carbon and Energy Finance</strong>&lt;br&gt;Chair: <strong>Julien Chevallier, IPAG Business School &amp; University of Paris 8</strong></td>
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<td>10:30am – 10:50am</td>
<td>Speculative and hedging activities in the European carbon market&lt;br&gt;Maria Mansanet-Bataller, Université Franche-Comté, France&lt;br&gt;Angel Pardo, Universitat de València, Spain&lt;br&gt;Julio. J. Lucia, Universitat de València, Spain</td>
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<tr>
<td>10:50am – 11:10am</td>
<td>Understanding volatility dynamics in Phase I, II, and III of the EU-ETS markets: Lessons for the future&lt;br&gt;Maria-Eugenia Sanin, University of Esey Val d'Essonne, France&lt;br&gt;Francesco Violante, Aarhus University, Denmark&lt;br&gt;Maria Mansanet-Bataller, Université Franche-Comté, France</td>
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<td>11:10am – 11:30am</td>
<td>On the link between oil price and exchange rate: A time-varying VAR parameter approach&lt;br&gt;Emmanuel Hache, IFP Énergies Nouvelles / IFP School, France&lt;br&gt;Vincent Brémond, EconomX-CNRS, University of Paris Ouest Nanterre La Défense, France&lt;br&gt;Tovonony Razafindrabe, EconomX-CNRS, University of Paris Ouest Nanterre La Défense, France</td>
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<td>11:30am – 11:50am</td>
<td>The goodness-of-fit of the fuel-switching price using the mean-reverting Lévy jump process&lt;br&gt;Julien Chevallier, IPAG Business School &amp; University of Paris 8, France&lt;br&gt;Stéphane Goutte, University of Paris 8 &amp; ESG Management School, France</td>
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<td>10:30am – 12:00am</td>
<td><strong>Session A2: Econometric Analysis of Energy Markets</strong>&lt;br&gt;Chair: <strong>Frederic Lantz, IFP School, France</strong></td>
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<td>10:30am – 10:50am</td>
<td>Convenience yield and adjusted basis stylized facts&lt;br&gt;Julien Fouquau, Neoma Business School, France&lt;br&gt;Pierre Six, NEOMA Business School, France</td>
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<td>10:50am – 11:10am</td>
<td>Driven by fear? The tail risk premium in the crude oil futures market&lt;br&gt;Reinhard Ellwanger, European University Institute, Italy</td>
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Volatility spillover between energy and financial markets
Ugur Soytas, Middle East Technical University, Turkey
Rangan Gupta, University of Pretoria, South Africa
Saban Nazlioglu, Pamukkale University, Turkey

An econometric analysis of the interactions between oil and oil product prices
Frederic Lantz, IFP School, France
Jean-Pierre Indjehagopian, ESSEC Business School, France
Joren Rombouts, ESSEC Business School, France

Lunch Break

Keynote Lecture II
“Forecasting the Oil-Gasoline Price Relationship: Should We Care about the Rockets and the Feathers?”
By Professor Matteo Manera, University of Milano-Bicocca

Parallel Sessions B

Utility indifference pricing and hedging for structured contracts in energy markets
Giorgia Callegaro, University of Padova, Italy
Luciano Campi, London School of Economics, UK
Tiziano Vargiolu, University of Padova, Italy

Gas storage valuation and hedging: A quantification of model risk
Patrick Hena, IAE Paris, University of Paris 1 Panthéon-Sorbonne, France
Ismail Laachir, ENSTA ParisTech and University of Bretagne-Sud, France
Francesco Russo, ENSTA ParisTech, France

The relationship between risk and return in financial oil markets
Yannick Le Pen, University of Paris Dauphine, France
Benoit Sévi, Aix-Marseille University & EHESS, France

Hedging effectiveness using energy futures: A comparison
Jim Hanly, College of Business, Dublin Institute of Technology, Ireland

WACC the dog: The effect of financing costs on the global levelized cost of solar photovoltaic electricity
Janosch Ondraczek, University of Hamburg, Germany & International
Institute of Applied Systems Analysis (IIASA), Austria
Nadejda Komendantova, International Institute of Applied Systems Analysis (IIASA), Austria & Swiss Federal Institute of Technology, Switzerland
Anthony Patt, Swiss Federal Institute of Technology, Switzerland

03:20 pm – 03:40 pm
**Investing in finite-life carbon emissions reduction program under risk and idiosyncratic uncertainty**
Jessica Fouilloux, University of Rennes 1 and CREM, France
Franck Moraux, University of Rennes 1 and CREM, France
Jean-Laurent Viviani, University of Rennes 1 and CREM, France

03:40 pm – 04:00 pm
**Energy and economic perspectives of renewable fuels**
Jy S. Wu, University of North Carolina at Charlotte, USA
Huikuan Tseng, University of North Carolina at Charlotte, USA

04:00 pm – 04:20 pm
**Is there a difference? The performance characteristics of renewable energy equity indices**
Michael Rezec, University of Saint Andrews, UK
Bert Scholtens, University of Saint Andrews, UK & University of Groningen, The Netherlands

04:30 pm – 05:00 pm
Coffee Break

05:00 pm – 06:30 pm
**Session C: Economic Analysis of Wind, Electricity, and Crude Oil Markets**
Amphitheatre
Chair: Anna Creti, University of Paris Dauphine

05:00 pm – 05:20 pm
**Forecasting electricity spot prices using time-series models with a double temporal segmentation**
Marie Bessec, University of Paris Dauphine, France
Julien Fouquau, NEOMA Business School & University of Paris Dauphine, France
Sophie Meritet, University of Paris Dauphine, France

05:20 pm – 05:40 pm
**The stabilizing effect of hydro reservoir levels on intraday power prices under wind forecast errors**
Mehtap Kilic, Erasmus School of Economics, Erasmus University Rotterdam, The Netherlands
Elisa Trujillo-Baute, University of Barcelona and CES-IEB, Spain

05:40 pm – 06:00 pm
**Location basis differentials in crude oil prices**
Yang Li, Rutgers University, USA
Bruce Mizrach, Rutgers University, USA
Yoichi Otsubo, Luxembourg School of Finance, Luxembourg

06:00 pm – 06:20 pm
**Hourly seasonal ARMA-GARCH approach for short term forecasting**
Faddy Ardian, Ecole Polytechnique, France
Anna Creti, University of Paris Dauphine, France
Francesco Vallone, Cogenpower SpA, Italy

06:00 pm – 06:10 pm
Concluding Remarks