

Heikki Peura

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Academic Employment

2016- Assistant Professor, Operations and Analytics, Imperial College Business School

Education

2016 Ph.D. Management Science and Operations, London Business School
Advisor: Prof. Derek Bunn

2010 M.Sc. (Tech.), with distinction, Engineering Physics and Mathematics, Aalto University
Advisor: Prof. Aki Vehtari

Research

1. “Dynamic Pricing of Peak Production” (2015), with D. W. Bunn. *Operations Research*, 63(6):1262–1279.
2. “Trade Credit in Competition: A Horizontal Benefit” (2017), with S. A. Yang, G. Lai. *Manufacturing & Service Operations Management* 19(2):263-289.
3. “Renewable Power and Electricity Prices: The Impact of Forward Markets”, with D. W. Bunn. Forthcoming, *Management Science*. A previous version of this paper was circulated as “Strategic Forward Trading and Technology: The Operational Merit-Order Effect”.
4. “Prevent or Report? Managing Near Misses for Safer Operations”, with N. Bakshi.
5. “Capacity Expansion in a Service Platform: Financing vs. Employment”, with S. A. Yang.
6. “Randomized Assortment Optimization”, with Z. Wang, W. Wiesemann.

Presentations

- 2019 Aalto University; Supply Chain Finance & Risk Management Workshop, St. Louis; Energy and Commodity Markets Association annual meeting, Tepper School of Business, Carnegie Mellon University, Pittsburgh; INFORMS, Seattle.
- 2017 Supply Chain Finance & Risk Management Workshop, St. Louis.; MSOM, Chapel Hill; INFORMS, Houston.
- 2016 Goizueta Business School, Emory University; School of Business, University of Miami; McCombs School of Business, University of Texas at Austin; Olin Business School, Washington University in St. Louis; Kelley School of Business, Indiana University; Saïd Business School, University of Oxford; Rotterdam School of Management, Erasmus University; Ross School of Business, University of Michigan; Carroll School of Management, Boston College; POMS, Orlando; Aalto University Business School; Supply Chain Finance Symposium, Madrid; MSOM, Auckland; INFORMS, Nashville
- 2015 TADC, London; MSOM and MSOM iFORM SIG, Toronto; INFORMS, Philadelphia; Imperial College Business School; EBS Business School; Hong Kong University of Science and Technology Business School; IESE Business School, University of Navarra
- 2014 IFORS, Barcelona; INFORMS, San Francisco; EFC Workshop, St. Gallen

2013 TADC, London; EURO/INFORMS, Rome; MSOM, Fontainebleau

2012 INFORMS, Phoenix

Teaching

Instructor, Imperial College Business School

Data Structures and Algorithms (Using Python), MSc Business Analytics and MSc Risk Management and Financial Engineering, Fall 2016, 2017, 2018, 2019; MSc Financial Technology, Fall 2019; MSc Business Analytics (Online), Fall 2018, 2019

Operations, Full-time MBA, Spring 2017, 2018, 2019

Teaching Assistant, London Business School, 2011-2016

Time Series Analysis and Forecasting, MBA/MiF Electiv; Data, Models and Decisions, EMBA/MBA/MiF/MiM Core; Developing Entrepreneurial Opportunities, EMBA; Modelling and Forecasting Energy Prices, Executive education; Modelling and Managing Electricity Markets, Executive education

Professional Experience

Consulting with Quarry Battery Company, HgCapital, Moody's

2009 - 2010 Research Assistant, Aalto University, Espoo, Finland

Department of Biomedical Engineering and Computational Science and Systems Analysis Laboratory.

2007, 2008 Summer Internships, Fortum, Espoo, Finland

Service

Session chair, MSOM iFORM track, INFORMS 2018

Ad-hoc referee for Management Science, Operations Research, Manufacturing & Service Operations Management, Production and Operations Management, IISE Transactions, Operations Research Letters, Naval Research Logistics, Energy Journal, Journal of Energy Markets, Journal of Commodity Markets, MSOM Student paper competition, MSOM iFORM SIG, INFORMS TIMES Best Paper Award.

Honors and Awards

Best paper award for "Strategic Forward Trading and Technology: The Operational Merit-Order Effect", Energy and Commodity Markets Association annual meeting, Carnegie Mellon University Tepper School of Business, 2019.

Deloitte Institute of Innovation and Entrepreneurship Award, 2015.

Fortum Foundation Scholarship, 2015.

Emil Aaltonen Foundation Scholarship, 2014-15.

London Business School Doctoral Scholarship. 2010-2014.

Additional Information

Computer Skills MATLAB, Mathematica, Python, Java, Eviews, VBA

Languages English – fluent, Finnish – native, French – good, Swedish – conversational

Nationality Finnish