Athanasios Papakonstantinou - DTU Orbit (13/12/2017)
Papakonstantinou, Athanasios
athpapa@elektro.dtu.dk
athpapa@dtu.dk
Department of Management Engineering - Researcher
Department of Electrical Engineering - Postdoc
Center for Electric Power and Energy
Electricity markets and energy analytics

Publications:

**Multi-dimensional procurement auction under uncertain and asymmetric information**
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Accountability for Uncertainty in Electricity Markets**
Papakonstantinou, A. & Pinson, P. 2016
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2016

**A Robust Optimisation Approach using CVaR for Unit Commitment in a Market with Probabilistic Offers**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

**A Sealed-Bid Two-Attribute Yardstick Auction Without Prior Scoring**
Leth Hougaard, J., Nielsen, K. & Papakonstantinou, A. 2016 In : Group Decision and Negotiation. 25, 4, p. 827-843
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Information Uncertainty in Electricity Markets: Introducing Probabilistic Offers**
Publication: Research - peer-review › Journal article – Annual report year: 2016

**Population Dynamics for Renewables in Electricity Markets: A Minority Game View**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

**From responsibility to accountability: Electricity market mechanisms accommodating probabilistic offers**
Papakonstantinou, A. & Pinson, P. 2015
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2015

**Price-Maker Wind Power Producer Participating in a Joint Day-Ahead and Real-Time Market**
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

**Renewables in Electricity Markets**
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2014
Towards electricity markets accommodating uncertain offers
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Incentives in Multi-dimensional Auctions under Information Asymmetry for Costs and Qualities
Publication: Research - peer-review › Article in proceedings – Annual report year: 2013

Short communication: DEA based auctions simulations
Publication: Research - peer-review › Journal article – Annual report year: 2013

Mechanism Design for the Truthful Elicitation of Costly Probabilistic Estimates in Distributed Information Systems
Publication: Research - peer-review › Journal article – Annual report year: 2011

Mechanism design for eliciting probabilistic estimates from multiple suppliers with unknown costs and limited precision.
Publication: Research - peer-review › Book chapter – Annual report year: 2010

A truthful two-stage mechanism for eliciting probabilistic estimates with unknown costs
Publication: Research - peer-review › Article in proceedings – Annual report year: 2008

Projects:

Assessment of a new market structure and regulatory framework for the integration of distributed energy resources in electricity markets towards a coherent Nordic energy system
Vasileiou, T., Skytte, K., Bergaentzlé, C. & Papakonstantinou, A.
01/12/2017 → 30/11/2020
Project: PhD

Market design and operations for Energy Collectives
Moret, F., Pinson, P. & Papakonstantinou, A.
01/05/2017 → 30/04/2020
Project: PhD

5s - Future Electricity Markets
Pinson, P., Jensen, T. V., Soares, T., Papakonstantinou, A. & Kazempour, J.
01/04/2013 → 31/10/2017
Project

Activities:

European conference for Operational Research 2015
Papakonstantinou, A. (Speaker)
12 Jul 2015 → 15 Jul 2015
Activity: Talks and presentations › Conference presentations
13th International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power (WiW 2014)
Papakonstantinou, A. (Speaker)
11 Nov 2014 → 13 Nov 2014
Activity: Talks and presentations › Conference presentations

Expert Workshop "Challenges ahead in European electricity market design"
Papakonstantinou, A. (Participant)
16 Oct 2014
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

IEEE Transactions on Power Systems (Journal)
Papakonstantinou, A. (Reviewer)
1 Jan 2014 → …
Activity: Research › Peer review of manuscripts

European Journal of Operational Research (Journal)
Papakonstantinou, A. (Reviewer)
1 Jan 2013 → …
Activity: Research › Peer review of manuscripts