

Contact Information	Technical University of Denmark (DTU) Department of Wind and Energy Systems Elektrovej, Building 325, Room 142 2800 Kgs. Lyngby, Denmark	tel: +45 26359955 e-mail: jalal@dtu.dk ORCID: 0000-0002-5050-6611 Web of Science ResearcherID: AAP-2130-2020
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Web	www.jalalkazempour.com	Other links:
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Personal	Iranian (D.o.B. 19th of June 1985, Marand, Iran), Married to Azita Mirzaei
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Research Profile

Full Professor at DTU since 2024; joined DTU in 2015 as a Postdoctoral Fellow and progressively advanced to current rank, leading the Energy Markets and Analytics (EMA) section of 15+ researchers, and founder of the annual DTU PES Summer School (9 editions, 70 participants from 25+ countries). PI or Co-PI of externally funded projects securing €4.1 million to my group; Associate Editor for *Operations Research*; member of ACER's Expert Group on EU-wide Flexibility Needs Assessment. PhD alumni hold tenure-track positions at the University of Michigan and postdoctoral fellowships at MIT and Imperial College London.

My research builds the mathematical and algorithmic foundations of electricity markets, the systems through which flexibility, computation, and information jointly determine market outcomes in a fully renewable system. It addresses three layers: the **design layer** (market architecture, grid codes, flexibility economics), the **execution layer** (provably safe algorithms for bidding, clearing, and surveillance), and the **information layer** (data markets, privacy-preserving methods, and information design for regulation). Beyond publications, this research connects to EU policy through ACER, to industry through collaborations with Energinet, Ørsted, Siemens Gamesa, IBM, Vestas, and Rambøll, and to a global practitioner community through course recordings with 220k+ [YouTube](#) views and 45k+ hours of watch time.

Employment	Technical University of Denmark (DTU), Kgs Lyngby, Denmark February 2015–ongoing • Department of Wind and Energy Systems, Division for Power and Energy Systems ◦ Professor (inaugural lecture) August 2024–ongoing ◦ Head of Section, Energy Markets and Analytics March 2022–ongoing ◦ Associate Professor March 2022–July 2024 • Head of Studies, MSc Program in Sustainable Energy Systems February 2023–October 2026 Inaugural Head of Studies, responsible for the entire program, including admission, curriculum design, and the proposal of new courses • Department of Electrical Engineering, Center for Electric Power and Energy ◦ Group Leader, Energy Analytics and Markets May 2021–February 2022 ◦ Associate Professor February 2019–February 2022 ◦ Assistant Professor October 2016–January 2019 ◦ Postdoctoral Fellow (Mentor: Prof. Pierre Pinson) February 2015–September 2016 Johns Hopkins University, Baltimore, MD, U.S. October 2013–November 2014 Whiting School of Engineering ◦ Postdoctoral Fellow (Mentor: Prof. Benjamin F. Hobbs)
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Education	University of Castilla-La Mancha, Ciudad Real, Spain October 2009–May 2013 Ph.D. in Electrical Engineering (Power Systems) <i>Strategic generation investment and equilibria in oligopolistic electricity markets</i> Supervisor: Prof. Antonio J. Conejo Tarbiat Modares University, Tehran, Iran October 2006–March 2009 M.Sc. in Electrical Engineering (Power Systems) <i>Self-scheduling of producers with limited resources in electricity markets</i>
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University of Tabriz, Tabriz, Iran
B.Sc. in Electrical Engineering (Power Systems)

October 2002–September 2006

**Research
Visits**

University of Edinburgh, School of Mathematics, Edinburgh, UK
Invited scholar. Hosts: Profs. Chris Dent and Ken McKinnon

May 2018–June 2018

University of Calgary, Calgary, AB, Canada
Visiting PhD student. Host: Prof. Hamidreza Zareipour

February 2012–July 2012

KTH Royal Institute of Technology, Stockholm, Sweden
Visiting PhD student. Host: Prof. Lennart Söder

April 2011–June 2011

**Awards &
Recognition**

Best Paper Award 2025
14th DACH+ Energy Informatics Conference, Aachen, Germany
Paper [J77] in the journal paper list

INFORMS Senior Member 2025

Best Paper Award 2023
IEEE SmartGridComm 2023 Conference, Glasgow, UK
Paper [C25] in the conference paper list

Best Paper Award of the *IEEE Transactions on Power Systems*  2022
Paper [J42] in the journal paper list

Received an Honorable Mention 2020
INFORMS ENRE Best Publication Award Committee
Paper [J21] in the journal paper list

Best Teacher Award Spring 2019
DTU Electrical Engineering Department

Second Best Student Paper Award 2019
IEEE PowerTech 2019 Conference, Milan, Italy
Paper [C16] in the conference paper list

IEEE Senior Member 2018

Outstanding Editorial Board Member 2017, 2018
International Transactions on Electrical Energy Systems (Wiley)

Outstanding Reviewer 2016
IEEE Transactions on Smart Grid

Outstanding Reviewer 2015
IEEE Transactions on Power Systems

Citation

Google Scholar  >6500 H-index: 45
Scopus  >4300 H-index: 38
Web of Science  >3300 H-index: 36

**Advisory &
Editorial
Roles**

◦ **Operations Research** 2024–ongoing
Associate Editor for the Energy and Environment Area

◦ **ACER** 2025–ongoing
(European Union Agency for the Cooperation of Energy Regulators)
Member of the Expert Group on the “EU-wide flexibility needs assessment” 

- **Danish Energy Agency** 2025
Member of the Working Group on the “Code of Conduct for Secure Data Exchange and Use”, under the Utilities Digitalization Program 

Funding

Total grant funding to my group as PI/Co-PI: €4.1 million

18. **Avanguard** (EU Horizon), €260,000  2026–2030
Advanced Data-Driven Strategies for Optimized Long Duration Energy Storage Deployment in Multi-Energy Networks
Project partners: [link](#)
17. **Industrial PhD Grant** (IF Denmark), €48,000 2026–2029
Exploring the Impact of Capacity Hoarding on Intraday Price Spreads
Project partners: DTU and Forsyningstilsynet (Danish Utility Regulator)
16. **Nordic-SEC** (IF Denmark), €610,000 2026–2030
Closing the Loop in Nordic TSO Coordination for Enhanced Grid Security
Project partners: DTU, Nordic RCC, and Energinet
15. **Data Unlocked** (EUDP), €830,000 2026–2029
Data Unlocked: Privacy Preservation, Public Sharing, and Added Value Creation
Project partners: DTU, Energinet, Enfor, Watts, NeoGrid, Radius, Green power Denmark
14. **Industrial PhD Grant** (IF Denmark), €48,000 2025–2028
Dynamic and Multi-Area Reserve Dimensioning for Balancing of the Electricity Grid
Project partners: DTU and Energinet
13. **Industrial PhD Grant** (IF Denmark), €48,000 2024–2027
Commoditizing Green Hydrogen in Europe
Project partners: DTU and Rambøll
12. **PtX Markets** (IF Denmark), €181,000  2024–2026
Markets, Policies, and Business Models for Green Fuels
Project partners: DTU, CBS, Evida, Hybrid Greentech, ENFOR, Biogas Danmark, Energi Danmark
11. **Alliance PhD Scholarship** (DTU), €134,000 2024–2026
Systemic Risk Analysis in Integrated Multi-energy Systems
Project partners: DTU and TU Eindhoven
10. **ViPES2X** (EUDP), €150,000  2023–2025
Fully AI-driven Virtual Power Plant
Project partners: DTU, Hybrid Greentech, Lhyfe, and Imperial College London
9. **Commissioned Research** (Simply Power), €27,000 2023
Batteries Bidding for FFR and FCR-D Services
8. **Private Heat Data** (National Center), €40,000 2023
Differentially Private Heat Consumption Data on the Bornholm Island
Project partners: DTU and BEOF
7. **HOMEY** (EUDP), €429,000 2022–2024
H2-driven Business Model: Portfolio Management under Uncertainty
Project partners: DTU and Siemens Gamesa Renewable Energy
6. **P2X Business** (Energy Cluster Denmark), €80,000 2022–2023
Sustainable P2X Business Model
Project partners: DTU, Ørsted, and Hybrid Greentech

5. **FLEX-CEC (EUDP), €440,000** 🏠 2021–2024
Flexible Citizen Energy Communities
Project partners: DTU, Enyday, Ewii, Energi Danmark, Copenhagen Municipality, and By&Havn
4. **Industrial PhD Grant (IF Denmark), €48,000** 2021–2024
Investment Model for Power Flexibility Services
Project partners: DTU and IBM
3. **DTU Alliance PhD Scholarship (DTU), €134,000** 2020–2023
Market Design for Integrated Energy Systems
Project partners: DTU and NTNU
2. **Smart4RES (EU H2020), €400,000** 🏠 2019–2023
Data Science for Renewable Energy Prediction
Project partners: [link](#)
1. **CORE (EUDP), €262,500** 2017–2020
Coordinated Operation of Integrated Energy Systems
Project partners: DTU, Vestas, Danfoss, and Aalborg University

Teaching

Regular courses at DTU

3. **Renewables in Electricity Markets** 📺 📺 Since 2021
MSc-level course. Teacher and course responsible. Number of students: ~ 150
2. **Advanced Optimization and Game Theory for Energy Systems** 📺 📺 2016–2023
PhD-level course. Teacher and course responsible
Number of students: ~ 30 (in-person version), ~ 120 (online during COVID-19 pandemic)
1. **General Electrical Engineering** 📺 2018–2020
BSc-level course. Main teacher and course responsible. Number of students: ~ 40

As of July 2026, courses 2 and 3 have accumulated over 220,000 views and 45,000 hours of watch time on [YouTube](#) from learners across the globe.

Short-term ad-hoc teaching activities

11. **University of Cyprus, Nicosia, Cyprus** September 2024
The 6th KIOS Graduate Training School on Intelligent Systems and Control
Electricity market design and bidding strategy (6-hour lecture)
10. **École des Ponts ParisTech, France** October 2023
Smart Energy and Stochastic Optimization Workshop
Power-to-X: Portfolio management of hybrid power plants (5-hour lecture)
9. **University of Calgary, Canada** June 2023
Summer School on Forecasting and Mathematical Modeling for Renewable Energy
MILP for generation and transmission planning (5-hour online lecture)
8. **DTU Summer School 2022, Denmark** June 2022
Market design for integrated energy systems (2-hour lecture) 📺
7. **Aalto University, Finland** November 2021
Organized by Trans-Atlantic Cooperation on Energy Market Models 📺
Flexibility and coordination in energy systems (4-hour lecture)

PhD
Students
(Ongoing)

6. **DTU Summer School 2019, Denmark** June 2019
Distributed optimization (4-hour tutorial) 
5. **Skoltech, Moscow, Russia** September 2018
Decomposition techniques for energy systems applications (5-day tutorial)
4. **DTU Summer School 2018, Denmark** June 2018
Electricity markets with renewables, (2-hour tutorial) 
3. **DTU Summer School 2017, Denmark** June 2017
Decomposition techniques: Applications to power systems (4-hour tutorial)
2. **DTU Summer School 2016, Denmark** July 2016
Decomposition techniques for optimization problems, (4-hour tutorial)
1. **Azad University of Garmsar, Iran** Spring 2009
BSc-level course, *Electrical DC machines*
8. **Sofie Davidsen (DTU)**  September 2026–ongoing
Dynamic reserve dimensioning in the Nordic grid
▷ Joint supervision with Lesia Mitridati (DTU)
7. **Rasmus Thorgaard**  May 2026–ongoing
(Industrial PhD with DTU and Danish Utility Regulator)
Detecting capacity hoarding in continuous intraday electricity markets
▷ Joint supervision with Lesia Mitridati (DTU)
and Casper Bjerregaard (Danish Utility Regulator)
6. **Gloria Tintoré Vidal (DTU)**  May 2026–ongoing
What system operators can publish: Differentially private release of congestion forecasts
▷ Joint supervision with Lesia Mitridati (DTU)
5. **Asmus W. Eriksen (DTU)**  February 2026–ongoing
Cooperative allocation at scale: Operating and settling large energy portfolios
▷ Joint supervision with Farzaneh Pourahmadi (DTU)
4. **Valdemar Søgaaard (Industrial PhD with DTU and Energinet)**  September 2025–ongoing
Dynamic and multi-area reserve dimensioning: Netting, sharing, and fair allocation in the Nordic system
▷ Joint supervision with Lesia Mitridati (DTU), Licio Romao (DTU),
and Thomas Dalgas Fechtenburg (Energinet)
3. **Marco Saretta (Industrial PhD with DTU and Rambøll)**   September 2024–ongoing
Commoditizing green hydrogen: Market design and contracting under risk
▷ Joint supervision with Enrica Raheli (Rambøll) and Søren Thomsen (Rambøll)
2. **Yannick Heiser (DTU)**   May 2024–ongoing
Learning decision policies for trading in electricity markets
▷ Joint supervision with Farzaneh Pourahmadi (DTU)
1. **Torine Reed Herstad (DTU)**  January 2024–ongoing
Bidding and grid code design for stochastic reserve providers
▷ Joint supervision with Lesia Mitridati (DTU) and Bert Zwart (TU Eindhoven)

16. **Andrea Gloppen Johnsen (DTU)**   June 2022–June 2025
 - **Thesis:** *Market-based operation of renewable electrolyzer plants*  
 - Joint supervision with Lesia Mitridati (DTU)
 - **Examiners:** Shmuel Oren (University of California at Berkeley), Kenneth Bruninx (TU Delft), and Lena Kitzing (DTU)
 - **Next (and current) position:** Postdoctoral Fellow, Imperial College London, UK

15. **Thomas Falconer (DTU)**    May 2022–May 2025
 - **Thesis:** *Towards incentive compatible collaborative machine learning*  
 - Joint supervision with Pierre Pinson (Imperial College London)
 - **Examiners:** Munther Dahleh (MIT), Rachel Cummings (Columbia University), and Lesia Mitridati (DTU)
 - **Next (and current) position:** Research Engineer (Algorithmic Trading), InCommodities, Aarhus, Denmark

14. **Bennevis Crowley (DTU)**  December 2021–January 2025
 - **Thesis:** *Energy communities providing grid services*  
 - Joint supervision with Lesia Mitridati (DTU)
 - **Examiners:** Thomas Morstyn (University of Oxford), Simon Tindemans (TU Delft), and Claire Bergaentzle (DTU)
 - **Next (and current) position:** Power Market Analyst, Momentum Energy Group, Copenhagen, Denmark

13. **Peter Vistar Gade (Industrial PhD with DTU and IBM)**   June 2021–May 2024
 - **Thesis:** *Bringing demand-side flexibility to ancillary service markets*  
 - Joint supervision with Henrik Bindner (DTU) and Trygve Skjøtskift (IBM)
 - **Examiners:** Johanna Mathieu (University of Michigan), Pierluigi Mancarella (University of Melbourne), and Kai Heussen (DTU)
 - **Next position:** Co-founder of a new start-up
 - **Current position:** Senior Data Scientist, ZeroNorth, Copenhagen, Denmark

12. **Yannick Werner (DTU and NTNU)**  December 2020–November 2023
 - **Thesis:** *Modeling electrolyzers and gas networks for integration with power systems* 
 - Joint supervision with Ruud Egging (NTNU)
 - **Examiners:** Victor Zavala (UW-Madison), Stein-Erik Fleten (NTNU), and Bissan Ghaddar (DTU)
 - **Next (and current) position:** Postdoctoral Fellow, Graz University of Technology, Austria

11. **Enrica Raheli (DTU)**   September 2019–October 2023
 - **Thesis:** *Physics-aware operation of power-to-X and natural gas systems*  
 - **Examiners:** Line Roald (UW-Madison), Josh Taylor (NJIT), and Chresten Træholt (DTU)
 - **Next position:** Energy System Analyst, Rambøll, Copenhagen, Denmark
 - **Current position:** Hybrid Energy Systems Analyst and Developer, Vattenfall, Stockholm, Sweden

10. **Linde Frölke (DTU)**   September 2019–March 2023
 - **Thesis:** *Market design for future district heating systems*  
 - Joint supervision with Pierre Pinson (Imperial College London)

- **Examiners:** Erik Delarue (KU Leuven), Sonja Wogrin (TU Graz), and Shi You (DTU)
 - **Next (and current) position:** Data Scientist, Alliander, Arnhem, The Netherlands
9. **Adriano Arrigo** (University of Mons, Belgium)   August 2018–October 2022
- **Thesis:** *Advanced uncertainty- and physics-aware optimization for energy systems operation* 
 - Joint supervision with François Vallée (UMons)
 - **Examiners:** Yury Dvorkin (Johns Hopkins University), Kenneth Bruninx (TU Delft), Bertrand Cornélusse (University of Liège), Daniel Tuytens, Jean-François Toubreau, Zacharie De Grève, and Christophe Caucheteur (UMons)
 - **Next position:** Postdoctoral Fellow, University of Mons, funded by Elia
 - **Current position:** Market Analyst, ENGIE, Belgium
8. **Anubhav Ratha** (DTU)   December 2018–June 2022
- **Thesis:** *Market design for integrated energy systems of the future*  
 - Joint supervision with Pierre Pinson (DTU) and Ana Virag (VITO)
 - **Examiners:** Miguel Anjos (University of Edinburgh), Alexander Street (PUC-Rio), and Spyros Chatzivasileiadis (DTU)
 - **Next position:** Data Scientist, Vestas, Copenhagen, Denmark
 - **Current position:** Senior Quantitative Analyst, Copenhagen Energy Trading, Copenhagen, Denmark
7. **Niklas Vespermann** (TU Munich, Germany)   January 2018–March 2022
- **Thesis:** *Market design for energy communities* 
 - Joint supervision with Thomas Hamacher (TU Munich)
 - **Next position:** Advisor, German Regulatory Authority for Gas and Electricity
 - **Current position:** Energy Systems Consultant, Vespermann Consulting, Ghana
6. **Vladimir Dvorkin** (DTU)    September 2017–March 2021
- **Thesis:** *Stochastic and private energy system optimization*  
 - Joint supervision with Pierre Pinson (DTU)
 - **Examiners:** Alexander Shapiro (Georgia Tech), Adam Wierman (Caltech), and Spyros Chatzivasileiadis (DTU)
 - **Next position:** Postdoctoral Fellow, MIT Energy Initiative and MIT LIDS
 - **Current position:** Tenure-track Assistant Professor, University of Michigan, Ann Arbor, Department of Electrical and Computer Engineering
5. **Anna Schwele** (DTU)   September 2017–November 2020
- **Thesis:** *Integration of electricity, gas, and heat systems with market-based coordination*  
 - Joint supervision with Pierre Pinson (DTU)
 - **Examiners:** Ramteen Sioshansi (Ohio State University), Trine Boomsma (University of Copenhagen), and Qiuwei Wu (DTU)
 - **Next position:** Consultant, Ea Energy Analyses, Copenhagen, Denmark
 - **Current position:** Quantitative Researcher, Qube Research & Technologies, Geneva, Switzerland
4. **Alexander Hermann** (DTU)   January 2015–June 2019
- **Thesis:** *Market-based methods for the coordinated use of distributed energy resources* 
 - Joint supervision with Jacob Østergaard (DTU)

- **Examiners:** Christoph Weber (University of Duisburg-Essen), Florin Capitanescu (LIST), and Pierre Pinson (DTU)
 - **Next position:** Data Scientist, IKEA, Malmö, Sweden
 - **Current position:** Senior Data Scientist, Danfoss, Copenhagen, Denmark
3. **Lesia Mitridati (DTU)**    November 2015–May 2019
- **Thesis:** *Market-based coordination of heat and electricity systems* 
 - Joint supervision with Pierre Pinson (DTU)
 - **Examiners:** Steven Low (Caltech), Maryam Kamgarpour (ETH Zurich), and Spyros Chatzivasileiadis (DTU)
 - **Next position:** Postdoctoral Fellow, Georgia Tech, U.S.
 - **Current position:** Associate Professor, DTU, Department of Wind and Energy Systems
2. **Christos Ordoudis (DTU)**   July 2015–December 2018
- **Thesis:** *Market-based approaches for coordinated operation of electricity and natural gas systems* 
 - Joint supervision with Pierre Pinson (DTU)
 - **Examiners:** Pascal Van Hentenryck (Georgia Tech), Afzal Siddiqui (UCL), and Spyros Chatzivasileiadis (DTU)
 - **Next position:** Market and Data Analyst, Ørsted, Copenhagen, Denmark
 - **Current position:** Manager, Copenhagen Infrastructure Partners (CIP), Copenhagen, Denmark
1. **Lazaros Exizidis (University of Mons, Belgium)**   February 2013–December 2017
- **Thesis:** *Electricity markets with high wind power penetration: Information sharing and incentive-compatibility* 
 - Joint supervision with François Vallée (UMons) and Zacharie De Grève (UMons)
 - **Examiners:** Damien Ernst (University of Liège), Dirk Van Hertem (KU Leuven), Georges Kariniotakis (Mines Paris), François Glineur (UCLouvain), Marc Pirlot (UMons), and Jacques Lobry (UMons)
 - **Next position:** Market Modeling Advisor at ENTSO-E
 - **Current position:** Director of Operations, SEleNe-CC, Thessaloniki, Greece
- Postdocs**
5. **Lukas Stippel (DTU)**   September 2026–ongoing
- *PhD in Applied Mathematics, Mines Paris – PSL, France*
 - Joint mentorship with Lesia Mitridati (DTU)
4. **Arega Getaneh Abate (DTU)**    January 2023–December 2024
- *PhD in Mathematical Methods of Economics & Finance, Brescia University*
 - Recipient of the Marie Skłodowska-Curie Fellowship
 - Joint mentorship with Maryam Kamgarpour (EPFL)
 - **Next (and current) position:** Postdoctoral Researcher, DTU Management
3. **Bob Pepin (DTU)**  March 2023–December 2023
- *PhD in Mathematics, University of Luxembourg*
 - **Next position:** Postdoctoral Researcher, University of Copenhagen
 - **Current position:** Lead Quantitative Developer, Ørsted, Copenhagen, Denmark
2. **Liyang Han (DTU)**   July 2020–June 2022
- *PhD in Electrical Engineering, University of Oxford*
 - Joint mentorship with Pierre Pinson (DTU)

- **Next (and current) position:** Senior Energy Markets Expert, Twig Energy, Copenhagen

1. **Corey Kok (DTU)**

March 2018–February 2020

- *PhD in Operations Research, University of Auckland, New Zealand*
- Joint mentorship with Pierre Pinson (DTU)
- **Current position:** Senior Quantitative Analyst, Electricity Authority Te Mana Hiko, Wellington, New Zealand

**Visiting
PhD
Students**

19. Petr Stejskal (Czech Technical University in Prague, Czech Republic) 	2026 (1 month)
18. Gianluca Sabbatini (University of Bergamo, Italy) 	2025 (6 months)
17. Petra Miljan (University of Zagreb, Croatia) 	2024 (4 months)
16. Thomas Swarts (TU Eindhoven, The Netherlands) 	2024 (4 months)
15. Owen Palmer (Mines Paris - PSL, France) 	2024 (4 months)
14. Max Bruninx (Vrije Universiteit Brussel, Belgium) 	2024 (1 month)
13. Luca Santosuosso (Mines Paris – PSL, France) 	2024 (4 months)
12. Nick Harder (University of Freiburg, Germany) 	2023 (5 months)
11. Gabriele Volpato (University of Padova, Italy) 	2022-2023 (6 months)
10. Martina Gherardi (University of Bergamo, Italy) 	2022-2023 (10 months)
9. Pedro de Otaola Arca (Comillas Pontifical University, Spain) 	2022 (3 months)
8. Aitazaz Ali Raja (TU Delft, The Netherlands) 	2021-2022 (6 months)
7. Miguel Angel Muñoz (University of Málaga, Spain) 	2021 (3 months)
6. Tuhin Poddar (University of Waterloo, Canada) 	2019 (3 months)
5. Ana Baringo (University of Castilla-La Mancha, Spain)	2019 (3 months)
4. Farzaneh Pourahmadi (Sharif University of Technology, Iran) 	2018-2019 (13 months)
3. Dimitrios Thomas (University of Mons, Belgium) 	2018-2019 (4 months)
2. Lazaros Exizidis (University of Mons, Belgium) 	2015 (6 months)
1. Victoria Guerrero Mestre (University of Castilla-La Mancha, Spain) 	2015 (6 months)

**Visiting
Scholars**

2. Vladimir Dvorkin (MIT), Postdoc 	2022 (1 month)
1. Jean-François Toubeau (University of Mons, Belgium), Postdoc 	2020 (1 month)

**MSc/BSc
Thesis
Projects**

MSc projects:	Ongoing: 2	Completed: 37
BSc projects:	Ongoing: 0	Completed: 4

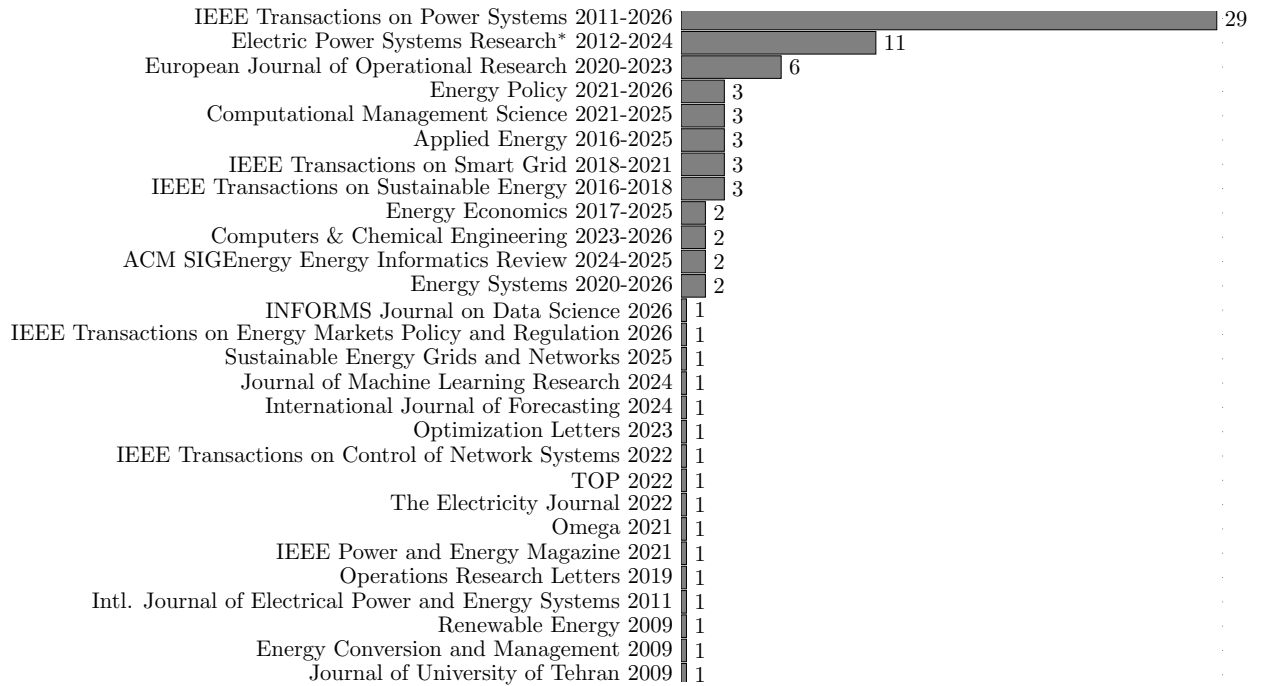
See the full list at: <https://www.jalalkazempour.com/supervision>

Several former MSc thesis students have gone on to pursue PhD studies at leading institutions worldwide, including DTU and Imperial College London, with at least 8 having pursued a PhD after their MSc thesis. Others have taken on impactful roles in industry and policy at organizations such as Ørsted, Energinet, EDF, the International Energy Agency (IEA), the Danish Energy Agency, Novo Nordisk, and Copenhagen Infrastructure Partners.

A. J. Conejo, L. Baringo, **J. Kazempour**, and A. Siddiqui, *Investment in Electricity Generation and Transmission: Decision Making Under Uncertainty*, Springer, Switzerland, 2016.

[dx.doi.org/10.1007/978-3-319-29501-5](https://doi.org/10.1007/978-3-319-29501-5)

Journal Papers



* 9 out of 11 papers published in this journal were accepted and presented at the *Power Systems Computation Conference (PSCC)*.

Figure 1: Distribution of 85 journal papers

- [J85] M. Saretta, E. Raheli, and **J. Kazempour**, “Towards European hydrogen market design: Perspectives from transmission system operators,” *Energy Policy*, forthcoming.
- [J84] T. Falconer, **J. Kazempour**, and P. Pinson, “Towards replication-robust analytics markets,” *INFORMS Journal on Data Science*, vol. 5, no. 2, pp. 155-170, April-June 2026. [dx.doi.org/10.1287/ijds.2025.0075](https://doi.org/10.1287/ijds.2025.0075)
- [J83] J. Janssen, A. Zocca, B. Zwart, and **J. Kazempour**, “Dynamic dimensioning of frequency containment reserves: The case of the Nordic grid,” *IEEE Transactions on Power Systems*, vol. 41, no. 4, pp. 1744-1755, May 2026. [dx.doi.org/10.1109/TPWRS.2025.3637187](https://doi.org/10.1109/TPWRS.2025.3637187)
- [J82] L. Santosuosso, S. Camal, A. Lett, G. Bontron, **J. Kazempour**, and G. Kariniotakis, “Scenario-spatial decomposition approach with a performance guarantee for the combined bidding of cascaded hydropower and renewables,” *IEEE Transactions on Power Systems*, vol. 41, no. 4, pp. 1662-1674, May 2026. [dx.doi.org/10.1109/TPWRS.2025.3638005](https://doi.org/10.1109/TPWRS.2025.3638005)
- [J81] A. Gloppen Johnsen, L. Mitridati, **J. Kazempour**, and L. Roald, “Electricity market bidding for renewable electrolyzer plants: An opportunity cost approach,” *IEEE Transactions on Energy Markets, Policy and Regulation*, vol. 4, no. 1, pp. 10-24, March 2026. [dx.doi.org/10.1109/TEMPR.2025.3625860](https://doi.org/10.1109/TEMPR.2025.3625860)
- [J80] A. Gloppen Johnsen, L. Mitridati, D. Zarrilli, and **J. Kazempour**, “The value of ancillary services for electrolyzers,” *Computers & Chemical Engineering*, vol. 204, no. 109360, January 2026. [dx.doi.org/10.1016/j.compchemeng.2025.109360](https://doi.org/10.1016/j.compchemeng.2025.109360)
- [J79] T. Reed Herstad, **J. Kazempour**, L. Mitridati, and B. Zwart, “Bidding in ancillary service markets: An analytical approach using extreme value theory,” *Computational Management Science*, vol. 23, no. 3, pp. 1-28, 2026. [dx.doi.org/10.1007/s10287-025-00549-y](https://doi.org/10.1007/s10287-025-00549-y)

- [J78] L. Frölke, E. Prat, P. Pinson, R. M. Lusby, and **J. Kazempour**, “On the efficiency of energy markets with non-merchant storage,” *Energy Systems*, vol. 17, pp. 447-478, 2026. [dx.doi.org/10.1007/s12667-024-00660-0](https://doi.org/10.1007/s12667-024-00660-0) 
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- [J76] O. Palmer, H. Radet, S. Camal, **J. Kazempour**, and R. Girard “Hedging hydrogen: Planning and contracting under uncertainty for a green hydrogen producer,” *Energy Economics*, vol. 152, no. 108981, December 2025. [dx.doi.org/10.1016/j.eneco.2025.108981](https://doi.org/10.1016/j.eneco.2025.108981) 
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- [J6] **J. Kazempour** and A. J. Conejo, "Strategic generation investment under uncertainty via Benders decomposition," *IEEE Transactions on Power Systems*, vol. 27, no. 1, pp. 424-432, February 2012. [dx.doi.org/10.1109/TPWRS.2011.2159251](https://doi.org/10.1109/TPWRS.2011.2159251)
- [J5] **J. Kazempour**, A. J. Conejo, and C. Ruiz, "Strategic generation investment using a complementarity approach," *IEEE Transactions on Power Systems*, vol. 26, no. 2, pp. 940-948, May 2011. [dx.doi.org/10.1109/TPWRS.2010.2069573](https://doi.org/10.1109/TPWRS.2010.2069573)
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- [J3] **J. Kazempour**, M. Parsa Moghaddam, M. R. Haghifam, and G. R. Yousefi, "Electric energy storage systems in a market-based economy: Comparison of emerging and traditional technologies," *Renewable Energy*, vol. 34, no. 12, pp. 2630-2639, December 2009. [dx.doi.org/10.1016/j.renene.2009.04.027](https://doi.org/10.1016/j.renene.2009.04.027)
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- [B1] **J. Kazempour** and L. Baringo, "Investment in conventional and renewable generating units," *Handbook of Clean Energy Systems*, Wiley, June 2015. [dx.doi.org/10.1002/9781118991978.hces166](https://doi.org/10.1002/9781118991978.hces166)

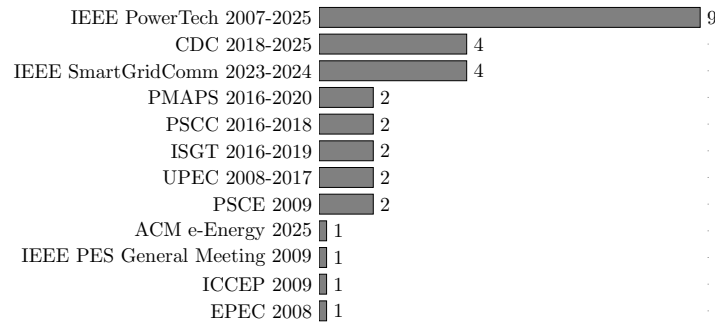


Figure 2: Distribution of 31 conference papers

- [C31] V. Dvorkin, F. Fioretto, P. Van Hentenryck, P. Pinson, and **J. Kazempour**, “Privacy-preserving convex optimization: When differential privacy meets stochastic programming,” *IEEE Conference on Decision and Control (CDC 2025)*, Rio De Janeiro, Brazil, December 2025. dx.doi.org/10.1109/CDC57313.2025.11312534
- [C30] T. Swarts, **J. Kazempour**, W. van den Akker, J. Morren, A. van Voorden, and H. Slootweg, “Contracting strategies for electrolyzers to secure grid connection: The Dutch case,” *IEEE PowerTech Conference*, Kiel, Germany, June 2025. dx.doi.org/10.1109/PowerTech59965.2025.11180471
- [C29] M. Bruninx, T. Verstraeten, **J. Kazempour**, and J. Helsen, “Day-ahead bidding strategies for wind farm operators under a one-price balancing scheme,” *ACM e-Energy 2025, International Workshop on Energy Data and Analytics*, pp. 719-726, Rotterdam, Netherlands, June 2025. dx.doi.org/10.1145/3679240.3734639
- [C28] P. A. V. Gade, H. Bindner, and **J. Kazempour**, “Leveraging P90 requirement: Flexible resources bidding in Nordic ancillary service markets,” *IEEE SmartGridComm 2024*, Oslo, Norway, September 2024. dx.doi.org/10.1109/SmartGridComm60555.2024.10738114
- [C27] P. A. V. Gade, T. Skjøtskift, H. Bindner, and **J. Kazempour**, “Energy-intensive industries providing ancillary services: A real case of zinc galvanizing process,” *IEEE SmartGridComm 2024*, Oslo, Norway, September 2024. dx.doi.org/10.1109/SmartGridComm60555.2024.10738121
- [C26] P. A. V. Gade, T. Skjøtskift, H. Bindner, and **J. Kazempour**, “Synergy among flexible demands: Forming a coalition to earn more from reserve market,” *IEEE SmartGridComm 2023*, Glasgow, Scotland, November 2023. dx.doi.org/10.1109/SmartGridComm57358.2023.10333924
- [C25] M. Saretta, E. Raheli, and **J. Kazempour**, “Electrolyzer scheduling for Nordic FCR services,” *IEEE SmartGridComm 2023*, Glasgow, Scotland, November 2023. dx.doi.org/10.1109/SmartGridComm57358.2023.10333890 [Recipient of the Best Paper Award]
- [C24] M. T. Baumhof, E. Raheli, A. Gloppen Johnsen, and **J. Kazempour**, “Optimization of hybrid power plants: When is a detailed electrolyzer model necessary?,” *IEEE PowerTech 2023 Conference*, Belgrade, Serbia, June 2023. dx.doi.org/10.1109/PowerTech55446.2023.10202860
- [C23] L. Han, **J. Kazempour**, and P. Pinson, “Monetizing customer load data for an energy retailer: A cooperative game approach,” *IEEE PowerTech 2021 Conference*, Madrid, Spain, June 2021. dx.doi.org/10.1109/PowerTech46648.2021.9494834
- [C22] E. Prat, L. Herre, **J. Kazempour**, and S. Chatzivasileiadis, “Design of a continuous local flexibility market with network constraints,” *IEEE PowerTech 2021 Conference*, Madrid, Spain, June 2021. dx.doi.org/10.1109/PowerTech46648.2021.9494978
- [C21] A. Arrigo, **J. Kazempour**, Z. De Grève, J.-F. Toubéau, and F. Vallée, “Enhanced Wasserstein distributionally robust OPF with dependence structure and support information,” *IEEE PowerTech 2021 Conference*, Madrid, Spain, June 2021. dx.doi.org/10.1109/PowerTech46648.2021.9494771
- [C20] V. Dvorkin, P. Van Hentenryck, **J. Kazempour**, and P. Pinson, “Differentially private distributed optimal power flow,” *IEEE Conference on Decision and Control (CDC 2020)*, Jeju Island, Republic of Korea, December 2020. dx.doi.org/10.1109/CDC42340.2020.9303768
- [C19] V. Dvorkin, **J. Kazempour**, and P. Pinson, “Chance-constrained equilibrium in electricity markets with asymmetric forecasts,” *International Conference on Probabilistic Methods Applied to Power Systems (PMAPS)*, Liege, Belgium, August 2020. dx.doi.org/10.1109/PMAPS47429.2020.9183423

- [C18] A. Ratha, **J. Kazempour**, A. Virag, and P. Pinson, “Exploring market properties of policy-based reserve procurement for power systems,” *IEEE Conference on Decision and Control (CDC 2019)*, pp. 7498–7505, Nice, France, December 2019. [dx.doi.org/10.1109/CDC40024.2019.9029777](https://doi.org/10.1109/CDC40024.2019.9029777) 
- [C17] A. Arrigo, C. Ordoudis, **J. Kazempour**, Z. De Grève, J.-F. Toubeau, and F. Vallée, “Optimal power flow under uncertainty: An extensive out-of-sample analysis,” *IEEE ISGT-Europe*, Bucharest, Romania, September 2019. [dx.doi.org/10.1109/ISGTEurope.2019.8905752](https://doi.org/10.1109/ISGTEurope.2019.8905752) 
- [C16] A. Schuele, C. Ordoudis, **J. Kazempour**, and P. Pinson, “Coordination of power and natural gas systems: Convexification approaches for linepack modeling,” *IEEE PES PowerTech Conference 2019*, Milan, Italy, June 2019. [dx.doi.org/10.1109/PTC.2019.8810632](https://doi.org/10.1109/PTC.2019.8810632)  [Recipient of the Second Best Student Paper Award]
- [C15] C. Kok, **J. Kazempour**, and P. Pinson, “A DSO-level contract market for conditional demand response,” *IEEE PES PowerTech Conference 2019*, Milan, Italy, June 2019. [dx.doi.org/10.1109/PTC.2019.8810943](https://doi.org/10.1109/PTC.2019.8810943) 
- [C14] V. Dvorkin, **J. Kazempour**, L. Baringo, and P. Pinson, “A consensus-ADMM approach for strategic generation investment in electricity markets,” *IEEE Conference on Decision and Control (CDC 2018)*, pp. 780–785, Miami Beach, FL, December 2018. [dx.doi.org/10.1109/CDC.2018.8619240](https://doi.org/10.1109/CDC.2018.8619240) 
- [C13] L. Bobo, S. Delikaraoglou, N. Vespermann, **J. Kazempour**, and P. Pinson, “Offering strategy of a flexibility aggregator in a balancing market using asymmetric block offers,” *Power Systems Computation Conference (PSCC 2018)*, Dublin, Ireland, June 2018. [dx.doi.org/10.23919/PSCC.2018.8443038](https://doi.org/10.23919/PSCC.2018.8443038) 
- [C12] C. Ziras, S. Delikaraoglou, **J. Kazempour**, S. You, and H. Bindner, “Evaluating the cost of line capacity limitations in aggregations of commercial buildings,” *International Universities Power Engineering Conference*, Heraklion, Greece, August 2017. [dx.doi.org/10.1109/UPEC.2017.8231895](https://doi.org/10.1109/UPEC.2017.8231895) 
- [C11] C. Ordoudis, S. Delikaraoglou, P. Pinson, and **J. Kazempour**, “Exploiting flexibility in coupled electricity and natural gas markets: A price-based approach,” *IEEE PES PowerTech Conference 2017*, Manchester, UK, June 2017. [dx.doi.org/10.1109/PTC.2017.7981047](https://doi.org/10.1109/PTC.2017.7981047) 
- [C10] L. Exizidis, **J. Kazempour**, P. Pinson, Z. De Grève, and F. Vallée, “Strategic wind power trading considering rival wind power production,” *IEEE ISGT-Asia*, Melbourne, Australia, November 2016. [dx.doi.org/10.1109/ISGT-Asia.2016.7796500](https://doi.org/10.1109/ISGT-Asia.2016.7796500) 
- [C9] **J. Kazempour** and P. Pinson, “Effects of risk aversion on market outcomes: A stochastic two-stage equilibrium model,” *International Conference on Probabilistic Methods Applied to Power Systems (PMAPS 2016)*, Beijing, China, October 2016. [dx.doi.org/10.1109/PMAPS.2016.7764200](https://doi.org/10.1109/PMAPS.2016.7764200) 
- [C8] E. Nasrolahpour, H. Zareipour, W. D. Rosehart, and **J. Kazempour**, “Bidding strategy for an energy storage facility,” *Power Systems Computation Conference (PSCC 2016)*, Genoa, Italy, June 2016. [dx.doi.org/10.1109/PSCC.2016.7541016](https://doi.org/10.1109/PSCC.2016.7541016) 
- [C7] **J. Kazempour**, M. Hosseinpour, and M. Parsa Moghaddam, “Self-scheduling of a joint hydro and pumped-storage plant in energy, spinning reserve and regulation markets,” *IEEE PES 2009 General Meeting*, Calgary, AB, Canada, July 2009. [dx.doi.org/10.1109/PES.2009.5275239](https://doi.org/10.1109/PES.2009.5275239)
- [C6] **J. Kazempour** and M. Parsa Moghaddam, “Economic viability of NaS battery plant in a competitive electricity market,” *International Conference on Clean Electrical Power*, Capri, Italy, June 2009. [dx.doi.org/10.1109/ICCEP.2009.5212011](https://doi.org/10.1109/ICCEP.2009.5212011)
- [C5] **J. Kazempour**, M. Hosseinpour, M. Parsa Moghaddam, and G. R. Yousefi, “Coupling fuel-constrained power plant and NaS battery systems for profit increment in a competitive electricity market,” *Power Systems Conference & Exposition (PSCE 2009)*, Seattle, WA, March 2009. [dx.doi.org/10.1109/PSCE.2009.4840014](https://doi.org/10.1109/PSCE.2009.4840014)
- [C4] **J. Kazempour**, M. Parsa Moghaddam, M. R. Haghifam, and G. R. Yousefi, “Dynamic self-scheduling of a fuel and emission constrained power producer under uncertainties,” *Power Systems Conference & Exposition (PSCE 2009)*, Seattle, WA, March 2009. [dx.doi.org/10.1109/PSCE.2009.4839995](https://doi.org/10.1109/PSCE.2009.4839995)
- [C3] **J. Kazempour**, M. Parsa Moghaddam, and G. R. Yousefi, “Self-scheduling of a price-taker hydro producer in day-ahead energy and ancillary service markets,” *Electric Power Conference (EPEC 2008)*, Vancouver, Canada, October 2008. [dx.doi.org/10.1109/EPC.2008.4763320](https://doi.org/10.1109/EPC.2008.4763320)
- [C2] **J. Kazempour**, A. Yousefi, K. Zare, and M. Parsa Moghaddam, “A MIP-based optimal operation scheduling of pumped-storage plant in the energy and regulation markets,” *Universities Power Engineering Conference (UPEC 2008)*, Padova, Italy, September 2008. [dx.doi.org/10.1109/UPEC.2008.4651465](https://doi.org/10.1109/UPEC.2008.4651465)

- [C1] **J. Kazempour** and M. Parsa Moghaddam, “Static security enhancement by means of optimal utilization of NaS battery systems,” *IEEE PES PowerTech Conference 2007*, Lausanne, Switzerland, July 2007. [dx.doi.org/10.1109/PCT.2007.4538588](https://doi.org/10.1109/PCT.2007.4538588)

Under Review

- [S7] A. W. Eriksen and **J. Kazempour**, “Sharing the gains of aggregation: Cooperative imbalance cost allocation.” 
- [S6] R. Yu, J. L. Cremer, P. Pinson, **J. Kazempour**, L. Semmelmann, T. Matsumoto, and D. W. Bunn, “From intraday orderbook to imbalance price: Understanding cross-market interaction.” 
- [S5] Y. Heiser, **J. Kazempour**, and F. Pourahmadi, “When and how should a power trader engage in arbitrage? Predict, then contextually optimize.” 
- [S4] T. R. Herstad, **J. Kazempour**, L. Mitridati, and S. A. Gabriel, “Refinement of reliability grid codes in the provision of ancillary services.” 
- [S3] P. Miljan, **J. Kazempour**, and H. Pandzic, “Investment decisions for green hydrogen under the renewable fuels of non-biological origin (RFNBO) framework.” 
- [S2] T. Falconer, A. Ratha, **J. Kazempour**, P. Pinson, and M. Kamgarpour, “Selling information to a competitor.” 
- [S1] K. K. Miskiw, N. Harder, M. Landwehr, **J. Kazempour**, and P. Staudt, “Comparative evaluation of reinforcement learning and stochastic programming for decision making on sequential electricity markets.”

Invited Talks

- *Learning and market design for prosumers in energy communities* 
 - Empa, Zurich, Switzerland July 2025
 - **Keynote**, 17th Trans-Atlantic Infraday (TAI 2025) Conference, Dublin, Ireland June 2025
- *Data-driven optimization with contextual information for selling wind power and hydrogen* 
 - ETH Zurich, Switzerland July 2025
 - NTNU/NHH Winter School, Kvitfjell, Norway April 2025
- *The P90 requirement of Energinet: How to bid optimally in Nordic ancillary service markets?* 
 - University College Dublin (UCD), Ireland June 2025
 - Luxembourg Institute of Science and Technology (LIST), Luxembourg October 2024
 - **Keynote**, European Energy Market 2024 Conference, Istanbul, Turkey June 2024
 - PSCC 2024, Paris, France (invited panelist) June 2024
 - VAME 2024, Trier University, Germany May 2024
 - Third Champéry Power Conference, Switzerland February 2024
- *Selling demand-side flexibility in Danish ancillary service markets*
 - EPFL, Switzerland September 2023
- *Power-to-X: Portfolio management of hybrid power plants*
 - University of Wisconsin–Madison, US October 2024
 - **Keynote**, TU Delft, PowerWeb Annual Meeting, 10th anniversary  September 2023
 - ETH Zurich, Switzerland May 2023
 - NTNU/NHH Winter School, Geilo, Norway March 2023
 - TU Delft, Faculty of Technology, Policy and Management December 2022
 - Comillas Pontifical University, Instituto de Investigación Tecnológica December 2022
- *Digitalization for the utility sector*
 - Danish Energy Agency (center meeting) November 2022

- *Data markets for energy*
 - EURO 2022 Conference, Espoo, Finland July 2022
 - University of Copenhagen, Department of Economics March 2022
 - University of Copenhagen, Department of Computer Science March 2022
 - NTNU Winter School, Oppdal, Norway March 2022
- *The role of aggregators and demand flexibility in electricity markets*
 - University of Sevilla, Spain (online) October 2021
- *Risk trading in energy communities*
 - Rutgers University, USA (online) March 2021
 - Eindhoven University of Technology, OPAC Webinar Series (online) September 2020
 - PMAFS 2020 Conference, Panel Session (online) August 2020
- *Coordination of electricity, heat, and natural gas systems accounting for network flexibility*
 - IEEE PES Spain Webinar Series (online) January 2023
 - IEEE PES General Meeting 2020, Panel Session (online)  August 2020
- *Distributionally robust chance-constrained generation expansion planning*
 - TACEMM Workshop, Aalto University, Espoo, Finland November 2020
 - Energy Modelling Webinar Series (online) April 2020
 - University of Cambridge, UK  March 2020
- *Towards revealing the full operational flexibility of energy systems*
 - ETH Zurich, Switzerland  March 2019
 - University of Cambridge, UK February 2019
- *Bilevel programming, complementarity modeling and equilibrium in energy systems*
 - University of Edinburgh, UK May 2018
 - Imperial College London, UK June 2017
- *Value of flexible resources, virtual bidding and self-scheduling in two-settlement electricity markets with wind generation*
 - The Alan Turing Institute, London, UK May 2018
 - Skoltech, Moscow, Russia October 2017
 - Paris-Diderot University, Paris, France June 2017
 - University of Mons, Mons, Belgium March 2017
- *A stochastic market design with revenue adequacy and cost recovery by scenario: Benefits and costs*
 - University of Copenhagen, Department of Mathematical Sciences April 2018
 - Tsinghua University, Beijing, China October 2016
 - Norwegian School of Economics (NHH), Bergen, Norway March 2016
 - ISMP 2015, Pittsburgh, PA July 2015
- *Strategic bidding of a large electricity consumer: A complementarity approach*
 - INFORMS Annual Meeting 2014, San Francisco, CA November 2014
- *Strategic generation investment in an electricity pool*
 - FERC Workshop/Transatlantic Infraday, Washington, DC November 2013
 - University of Tabriz, Tabriz, Iran October 2013
 - INFORMS Annual Meeting 2011, Charlotte, NC November 2011
 - Technical University of Denmark, Kgs. Lyngby, Denmark October 2011

Professional Development at DTU	Leadership Programme (Modules 1 to 4)	2022–2023
	Teaching and Learning (Modules 1 to 4)	2016–2018 (150 hours)
	The PhD Supervision Process: Methods and Tools	2016 (40 hours)
	Supervision of PhD Students at DTU	2016 (8 hours)
Scholarly Activities	Stream Co-Chair, IFORS 2026	2025–2026
	Co-chair of the “Energy Markets & Systems” and “Optimal Decision Making in Energy” streams, responsible for shaping the technical program and coordinating session organization within the Energy area.	
	Executive Board Member of EES-UETP 	2022–2025
	Association of universities and enterprises for the training in the field of electric energy systems	
	Member of the Award Committee	2024
	“Young Researcher Prize” Committee, INFORMS ENRE	
	Chair of the Award Committee	2022
	Responsible for assembling the Committee for the INFORMS ENRE Best Paper Award and selecting the top paper from all nominations submitted by the community	
	Chair of the Cluster	2020–2021
	Energy-II Cluster, INFORMS ENRE, Responsible for organizing sessions on Operations Research in Energy at the INFORMS Annual Meeting 2020 and 2021	
	Member of the Award Committee	2018–2019
	“Best Student Paper Award” Committee, INFORMS ENRE	
Other Editorial Roles	Journal of Modern Power Systems and Clean Energy	2021
	Guest Editor for a Special Issue	
Technical Program Committee	International Transactions on Electrical Energy Systems	2017–2019
	Member of the Editorial Board	
	PSCC 2026 , Power Systems Computation Conference, Limassol, Cyprus	2026
	Member of the Technical Program Committee	
	PSCC 2024 , Power Systems Computation Conference, Paris, France	2024
	Member of the Technical Program Committee	
	PSCC 2022 , Power Systems Computation Conference, Porto, Portugal	2022
	Member of the Technical Program Committee	
	IEEE PowerTech 2021 , Madrid, Spain	2021
	Member of the International Advisory Committee	
	ICSP 2019 , International Conference on Stochastic Programming, Trondheim, Norway	2019
	Member of the Scientific Committee	
	IET RPG 2018 , Renewable Power Generation Conference, Copenhagen, Denmark	2018
	Member of the Technical Program Committee	

Reviewer for the Academic Evaluation

DTU, Polytechnique Montréal, Clarkson University

Reviewer for Grant Proposals

NWO (The Netherlands), DFG (Germany), EPSRC (UK), FNRS (Belgium), FWF (Austria), SNSF (Switzerland), Academic Research Fund (Singapore)

Reviewer for Book Proposals

Cambridge University Press, Springer, IET

Reviewer for Journals

The Proceedings of the National Academy of Sciences (PNAS); Nature Energy; **IEEE**: IEEE Transactions on {Power Systems; Smart Grid; Control of Network Systems; Sustainable Energy; Energy Markets, Policy and Regulation; Control Systems Technology; Power Delivery}; IEEE Power Engineering Letters; IEEE Access; **INFORMS**: Operations Research; INFORMS Journal on Optimization; **Elsevier**: Applied Energy; Computers and Operations Research; Electric Power Systems Research; Energy Economics; European Journal of Operational Research; EURO Journal on Computational Optimization; Omega; Sustainable Energy, Grids and Networks; Utilities Policy; **Springer**: Annals of Operations Research; Energy Systems; Mathematical Methods of Operations Research; OR Spectrum; **IAEE**: The Energy Journal; **ACS Publications**: Environmental Science & Technology; **ACM**: ACM Energy Informatics Review; **IET**: IET Generation, Transmission and Distribution

Reviewer for International Conferences (selected)

PSCC (2018-2024); IREP (2017-2025); IEEE PES General Meeting 2020; CDC 2019; PowerTech (2017-2019); ECC 2018; IEEE PES General Meeting (2011-2015); IEEE SmartGridComm 2014

**PhD
Examination**

45. Pål Forr Austnes (EPFL), Supervisor: M. Paolone	2027
44. Ali Rajaei (TU Delft), Supervisors: J. Cremer and P. Palensky	2026
43. David Schaurecker (ETH Zurich), Supervisor: F. Elgar	2026
42. Lukas Stippel (Mines Paris PSL), Supervisor: G. Kariniotakis	2025
41. Nicola Cantisani (DTU), Supervisor: J. Bagterp Jørgensen	2025
40. Mohsen Aldaadi (University of Sydney), Supervisor: G. Verbič	2025
39. Sining Liu (ETH Zurich), Supervisors: M. Densing, G. Sansavini, and R. McKenna	2025
38. Juan Pablo Sepulveda (Inria, Centrale Lille), Supervisors: H. Le Cadre and L. Brotcorne	2025
37. Antonio Alcántara Mata (UC3M), Supervisor: C. Ruiz Mora	2025
36. Varsha N. Behrunani (ETH Zurich), Supervisor: J. Lygeros	2025
35. Xinyu Ma (EPFL), <i>candidacy exam</i> , Supervisor: K. Zhang	2025
34. Farzad Hassanzadeh Moghimi (University of Stockholm), <i>Opponent</i> , Supervisor: A. Siddiqui	2025
33. Luca Santosuosso (Mines Paris PSL), Supervisors: G. Kariniotakis and S. Camal	2025
32. Kristof Phillips (KU Leuven), Supervisors: E. Delarue and H. Ergun	2024
31. Lina Silva-Rodriguez (Utrecht University), Supervisor: M. Gibescu	2024
30. Anya Heider (ETH Zurich), Supervisor: G. Hug	2024
29. Qiuyi Hong (University of Essex), Supervisor: F. Maldonado	2024
28. Rahul Nellikkath (DTU), Supervisors: S. Chatzivasileiadis and P. Pinson	2024
27. Philipp A. Gunkel (DTU), Supervisors: C. Bergaentzlé, H. Klinge Jacobsen, and D. Keles	2024
26. Flora Charbonnier (University of Oxford), Supervisors: M. McCulloch and T. Morstyn	2024
25. Rujie Zhu (DTU), Supervisors: P. E. Sørensen, K. Das, and A. D. Hansen	2023
24. Tim Tørnes Pedersen (Aarhus University), Supervisors: G. B. Andresen and M. Victoria	2023
23. Ángel Paredes Parrilla (University of Málaga), Supervisor: J. Aguado	2023
22. Aitazaz Ali Raja (TU Delft), Supervisor: S. Grammatico	2023

21. Ilgiz Murzakhanov (DTU), Supervisors: S. Chatzivasileiadis and P. Pinson	2023
20. Mihály Dolányi (KU Leuven), Supervisors: E. Delarue, K. Bruninx, and G. Deconinck	2022
19. Abdolrahman Khoshrou (TU Delft and CWI), Supervisors: H. La Poutré and E. Pauwels	2022
18. Pedro de Otaola Arca (Comillas Pontifical University), Supervisor: J. García González	2022
17. Hamed Bakhtiari (Luleå Univ. of Tech.), <i>Opponent</i> , Supervisors: J. Zhong and M. Alvarez	2022
16. Jérémie Bottieau (University of Mons), Supervisors: F. Vallée and J.-F. Toubeau	2022
15. James C. Naughton (University of Melbourne & Birmingham), S: P. Mancarella and X.-P. Zhang	2022
14. Jay Dave (KU Leuven), Supervisors: D. Van Hertem and H. Ergun	2022
13. Emily Little (Centralesupelec and RTE), <i>midway exam</i> , S: Y. Perez and E. Karangelos	2021
12. Kai Zhang (TU Munich), Supervisor: T. Hamacher	2021
11. Xuejiao Han (ETH Zurich), Supervisor: G. Hug	2021
10. Mana Farrokhseresht (TU Eindhoven), S: M. Gibescu, H. Slootweg, and N. Paterakis	2021
9. Orcun Karaca (ETH Zurich), Supervisor: M. Kamgarpour	2020
8. Andreas Venzke (DTU), Supervisors: S. Chatzivasileiadis and P. Pinson	2020
7. Fabio Moret (DTU), Supervisors: P. Pinson and A. Papakonstantinou	2020
6. Babak Jeddi (Queensland University of Technology), S: Y. Mishra and G. Ledwich	2020
5. Martina Bucciarelli (University of Siena), Supervisors: A. Vicino and S. Paoletti	2020
4. Meng Song (KTH), Supervisor: M. Amelin	2019
3. Lejla Halilbašić (DTU), Supervisors: S. Chatzivasileiadis and P. Pinson	2019
2. Mohammad Ali Fotouhi Ghazvini (Universidade de Lisboa), S.: Z. Vale and R. de Castro	2018
1. Jean-François Toubeau (University of Mons), Supervisors: F. Vallée and Z. De Grève	2018

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