

Dr. Philipp Staudt

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Academic Career

Massachusetts Institute of Technology (MIT), Energy Initiative, Boston, Massachusetts

Postdoctoral Research Fellow, since 04/2022

Marie Skłodowska-Curie Fellowship in collaboration with Fundación Iberdrola España

Institute of Information Systems and Marketing, KIT, Chair of Prof. Weinhardt, Karlsruhe, Germany

Researcher, 05/2016 – 03/2022

- Since 02/2018: Head of the research group on Smart Grids & Energy Markets with currently 8 research assistants (Twitter: @TeamEnergy_KIT)
- 10/2020 - 06/2021: Interim professor for “Services Marketing“ at KIT
- Former member of the DFG Graduate School on Energy Status Data (05/2016-04/2019)
- Lecturer for *Energy Market Engineering*, *Smart Grid Applications*, *Business Data Analytics - Applications and Tools* and *Advanced Information Systems*
- Author of several successful funding proposals for the BMWi, BMBF, UM BW and the private industry amounting to more than one million Euro in funding volume
- DAAD funded research stays at Pontificia Universidad Catolica, Chile & University of California, Berkeley

Academic Community Involvement

- Guest Editor BISE Special Issue *Energy Informatics* (with Prof. Sebastian Lehnhoff and Prof. Rick Watson)
- Publicity chair of *ACM eEnergy 2022*
- TPC co-chair of *DACH+ Energy Informatics 2021*
- Associate Editor of WI 2022 tracks *Sustainable Consumption & Production* and *Sustainable Information Systems*,
- *Energy Informatics & Climate Protection*
- TPC member of *SEST 2021*
- Track Chair of WI 2021 Workshop *Energy Informatics and Electro Mobility ICT*
- Organizer of ACM eEnergy Workshops *Energy Market Engineering 2018* and *2019*
- Member of BDI working group *Internet of Energy* and GI SIG on *Energy Informatics*
- Reviewer for
 - Energy Economics
 - Energy Policy
 - Applied Energy
 - The Energy Journal
 - Energy
 - ACM Energy Informatics Review
 - Energy Informatics
 - Annals of Operations Research
 - Energy Systems
 - IEEE Transactions on Engineering Management
 - Sustainable Cities and Society
 - Global Environmental Change
 - Conferences: ICIS, ECIS, ACM eEnergy, DACH+ Energy Informatics, SEST, Wirtschaftsinformatik, HICSS

Education

Karlsruhe Institute of Technology, Karlsruhe, 05/2016 – 06/2019

Dr. rer. pol., Chair for Information and Market Engineering, Prof. Dr. Christof Weinhardt Topic: *Transmission Congestion Management in Electricity Grids - Designing Markets and Mechanisms* (summa cum laude)

Karlsruhe Institute of Technology, Karlsruhe

Master of Science, Mathematics and Economics, 10/2013 – 04/2016

Grade average: 1.3

Karlsruhe Institute of Technology, Karlsruhe

Bachelor of Science, Industrial Engineering, 10/2009 – 09/2013

Grade average: 1.4

University of Connecticut, Storrs, USA

Study abroad, Business and Engineering, 08/2011 – 05/2012

GPA 4.00/4.00

Wolfgang - Ernst - Gymnasium, Bidingen

Abitur, 05/2008

Grade average: 1.0

Theses

Institute of Information Systems and Marketing, Analytics & Operations Mgmt., Karlsruhe, Germany

Master thesis, Grade: 1.0, 11/2015 – 04/2016

Title: *Simulation-based Selection and Reduction of Data for Battery Degradation Assessment*

Institute for Industrial Production, Chair of Energy Economics (jointly with EnBW AG), Karlsruhe, Germany

Bachelor thesis, Grade: 1.0, 03/2013 – 08/2013

Title: *Price Prognosis of Weekly Forward Contracts in the German Wholesale Power Market Using a Production Cost based Fundamental Model*

Positions as Student Research Assistant

Institute for Industrial Production, Chair for Energy Economics, KIT, Karlsruhe

Assisting various research groups with data preparation and modelling, 10/2013 – 09/2014

Institute for Materials for Electrical and Electronic Engineering, Karlsruhe Institute of Technology, Karlsruhe

Preparing and conducting the exercise for Electrical Engineering for Industrial Engineers I, 10/2012 – 09/2013

Institute of Economics, Karlsruhe Institute of Technology, Karlsruhe

Tutor for Statistics I & II, 04/2011 – 07/2011, 10/2012 – 02/2013, 04/2014 – 07/2014, 10/2015 – 02/2016

Internships

Embassy of the Federal Republic of Germany, Bogotá, Colombia, 02/2015 – 05/2015

Capgemini Consulting, Mumbai, India, 09/2014 – 12/2014

Capgemini Consulting, Offenbach/Mühlheim an der Ruhr, 06/2012 – 10/2012

Castolin Eutectic, Lausanne, Switzerland, 08/2010 – 10/2010

Scholarships and Awards

Award for Outstanding Teaching, Department of Economics and Management, KIT, 2018

Best Paper Award, Energy Informatics Conference, 2017

Startup Funding for vomMarkt.de, awarded by the Heinz-Nixdorf Foundation

Stiftung der deutschen Wirtschaft, Fellow, 10/2013 – 04/2016

Award for outstanding dedication to extra-curricular activities, awarded by the KIT, 2015

Deutschlandstipendium, awarded by the KIT, Periods of 2012-13 and 2013-14

PWC Award for the best of 50 AIESEC local committees, 2011, 2013 and 2014

Volunteering

AIESEC Karlsruhe, Various positions, 04/2010 – 09/2014

Voluntary social service, Solidarité Jeunesse, Beauvoisin, France, 08/2008 – 08/2009

IT and Language Skills

Languages: English (Fluent), French (Fluent), Spanish (Advanced)

Programming languages: Python, Java, Matlab, R

Interests

Triathlon, Guitar, Snowboarding, Traveling