

ALEXANDRA LÜTH

Copenhagen Business School
Copenhagen School of Energy Infrastructure
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RESEARCH INTERESTS

Energy Economics, Energy Systems Analysis, Energy System Modelling

EDUCATION

- 2019 - PhD in Economics, **Copenhagen Business School**
- 2016 - 2019 Master of SCIENCE, **Technische Universität Berlin**,
Industrial Engineering and Management (Electrical Engineering)
- 2017 - 2018 Master of SCIENCE, **Norwegian University of Science and Technology**,
Sustainable Energy Systems and Markets
Master's thesis: *Rethinking the Role of Prosumers:
Electricity Market Design for Peer-to-Peer Trade in Smart Grids*
- 2012 - 2016 Bachelor of SCIENCE, **Technische Universität Berlin**,
Industrial Engineering and Management (Chemical Engineering)
- 2014 - 2015 Norwegian University of Science and Technology, Student Exchange

WORK EXPERIENCE

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|-------------|---|
| 2019 | INNO2GRID GMBH
<i>Working Student</i> |
| 2018 - 2019 | NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
<i>Research Assistant</i>
EC H2020 project SET-Nav |
| 2017 - 2018 | TECHNISCHE UNIVERSITÄT BERLIN
<i>Student Assistant</i> |
| 2017 | NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY
<i>Student Assistant</i> |

PUBLICATIONS

- Lüth, A., J. M. Zepter, P. C. del Granado, and R. Egging. 2018. "Local electricity market designs for peer-to-peer trading: The role of battery flexibility". *Applied Energy* 229:1233-1243.
- Zepter, J. M., A. Lüth, P. C. del Granado, and R. Egging. 2019. "Prosumer integration in wholesale electricity markets: Synergies of peer-to-peer trade and residential storage". *Energy and Buildings* 184:163-176.

CONFERENCE PRESENTATIONS

- OCTOBER 2018 BERLIN CONFERENCE ON SUSTAINABLE ENERGY AND INFRASTRUCTURE ECONOMICS AND POLICY – BELEC 2018
Berlin, Germany
Local Electricity Market Designs for Peer-to-Peer Trading
- JUNE 2018 41ST IAEE INTERNATIONAL CONFERENCE10. – 13. Juni 2018
Groningen, Netherlands
Batteries and Electricity Market Designs for Residential Prosumers
- MAY 2018 XV CONFERENCE ON COMPUTATIONAL MANAGEMENT SCIENCE
Trondheim, Norway
A Battery per House or a Big One for All?

SCHOLARSHIPS

- 2013 - 2019 Deutschlandstipendium
2012 - 2019 Yolante: Siemens AG Student Program

LANGUAGES

German (native), English (fluent), Norwegian (fluent),
Chinese (intermediate)

SOFTWARE

GAMS, InDesign, Illustrator, Julia, MS Excel, \LaTeX , MATLAB, MS Powerpoint, MS Word, R, Shiny

INTERESTS AND EXTRACURRICULAR ACTIVITIES

Field Hockey, Swimming, Politics, Cello, Singing - Choir, Hiking