

## REFLEX PhD Candidate

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### PHD THESIS

**Title**

Modelling Energy System Flexibility to Facilitate the Integration of Intermittent Renewable Energy Sources in Europe

### PROFESSIONAL EXPERIENCE

since 05/2017    Research Associate at Chair of Energy Economics, TU Dresden

04/2016 –        Intern/Master's Degree Candidate at ENSO Energie Sachsen Ost AG, Dresden  
04/2017        Department: Business Development

12/2015 –        Student Assistant at Chair of Hydrogen and Nuclear Energy, TU Dresden  
04/2016

09/2013 –        Bachelor's Degree Candidate at RWE Generation SE, Essen  
02/2014        Executive Department of Hard Coal and Gas Power Plants

03/2012 –        Student Assistant at Chair of Machine Tools Development and Adaptive Controls,  
12/2012        TU Dresden

08/2012 –        Intern at RWE Power AG, Essen  
09/2012        Executive Department of Hard Coal and Gas Power Plants

## EDUCATION

10/2014 – 04/2017 Studies of Industrial Engineering at TU Dresden, Degree: Master of Science (M.Sc.)

02/2014 – 06/2014 Studies Abroad at Università Ca'Foscari di Venezia in Italy

10/2010 – 06/2014 Studies of Industrial Engineering at TU Dresden, Degree: Bachelor of Science (B.Sc.)

## RESEARCH INTERESTS

- Energy system modelling and analysis
- Flexibility options
- Integration of renewable energy sources

## PUBLICATIONS AND CONFERENCE PRESENTATIONS

Zöphel, C., Schreiber, S., Müller, T. and Möst, D. (2018): Which Flexibility Options Facilitate the Integration of Intermittent Renewable Energy Sources in Electricity Systems? Current Sustainable/Renewable Energy Reports. doi:10.1007/s40518-018-0092-x

Schreiber, S.: The Value of Flexibility Options from an Operator's Perspective, Presentation, 15th IAEE European Conference 2017, Vienna, Austria, 3rd – 6th September 2017