

Application form

Cooperative graduate school „Decentralized Sustainable Energy Systems“– DENE“

Please complete this form and send it together with the required documents (cf. next page) electronically as one PDF-file to:

Mr. Dipl.-Biol. Stefan Adler
 Zentrum für Erneuerbare Energien (ZEE) - Centre for Renewable Energy
 Albert-Ludwigs-Universität Freiburg/ University of Freiburg
 Tennenbacher Str.4
 D-79106 Freiburg
 Tel. ++49-(0)761-203-8598/8599
 Fax. ++49-(0)761-203-3690
 E-Mail: stefan.adler@zee.uni-freiburg.de
 Homepage: www.zee.uni-freiburg.de

Prospective topics and supervisors (at least one non-binding proposal is required). The executive committee of the PhD program reserves its right to propose another supervisor.

Prof. Bessler Offenburg University of Applied Sciences	Lifetime of lithium-ion batteries for decentralized storage of renewable energies: Experimental investigations and model-based optimization
Prof. Bollin Offenburg University of Applied Sciences	Battery Management for Smart Grids with Renewable Energy Sources Based on Predictive Control and Demand-Side-Management
Prof. Christ Offenburg University of Applied Sciences	Concepts for distributed databases for smart grid measurements
Prof. Pfafferott Offenburg University of Applied Sciences	Small scale combined heat-power-cooling as grid reactive system for energy-efficient biogas/natural gas use
Prof. Reinecke University of Freiburg	Chemical hydrogen storage
Dr. Ruppert-Winkel University of Freiburg	Public Participation and the German “Energy Turn Policy” – Analyzing case studies related to grid expansion and the construction of renewable energy facilities
Prof. Schindelbauer University of Freiburg	Robust Heterogeneous Cyber-Physical Systems for Distributed Energy Management
Prof. Spada University of Freiburg	Smart use of renewable energy systems: Psychological barriers and how they may be overcome
Prof. Treffinger Offenburg University of Applied Sciences	Investigations to the techno-economic optimum of own energy generation from renewable energy sources from the point of view of energy user and distribution grid operator
Prof. Wöllenstein Fraunhofer IPM	Design and Development of a reliable gas measurement system for an efficient operation of biogas plants
Prof. Weber, Prof. C. Wittwer Fraunhofer ISE	Grid-cooperative operation control of thermo-electrical hybrid bulk power systems based on locally optimized earning forecasts
Prof. Zacharias University of Freiburg	Electronic-functional ALD nano layers for novel solar cell structures

Please include the following documents to your application:

- A cover letter (max. 2 pages) explaining your skills and interests in at least one of the advertised PhD positions
- Your curriculum vitae
- The official application form, filled out and signed
- Your degree certificates and study transcripts including a description of the grading scheme
- An abstract of your diploma or master thesis
- A list of your publications, if available
- Addresses of two references to be potentially contacted and, if available, letters of recommendation
- Tangible proof of your fluency in English, if available

Your curriculum vitae is requested to include at least the following pieces of information:

- Family name, first name, and name at birth (if different from family name).
- Academic title, nationality.
- Date and place of birth
- Affiliation address, if applicable, including phone and fax numbers
- Private address, including phone and fax number, if available
- Email address and URL, if available
- Academic grades including: date, title, name and place of university, final grade and grading system
- Bachelor, Diploma, or Master thesis information including: topic, advisor name, date, name and place of university, grade and grading system
- Additional scientific and professional activities, awards

I assert the correctness of all the information enclosed.

In case of my admission to the PhD program „Decentralized Sustainable Energy Systems“, I assert I will

- attend the seminars of the PhD program, including active participation and presentation
- proactively seek the communication and exchange of ideas with my fellow students and with my supervisors
- publish my results at conferences of my field of research and in the archival literature

Place and date, Signature