

# Schedule Renewable Energies

Location: Building 2 – room 111

Time : Friday 09.15 am -10.45 am

Lecturer: Jun. Prof. Dr.-Ing. Ines Hauer

## Content:

- Introduction to renewable Energies
- Functionality of energy conversion for different RE types (wind, solar, water)
- Legal framework in the area of renewable energy installation and usage
- Storage technologies and fuel cells
- Power system integration of renewables
- Chosen aspects of information and communication connection of decentralized energy units

<b>Nr.</b>	<b>Datum</b>	<b>Thema</b>
1	07.04.2017	Organizational issues, introduction to renewables, state of the art
2	14.04.2017	- no lecture-
3	21.04.2017	Hydro power
4	28.04.2017	Wind energy 1
5	05.05.2017	Wind energy 2
6	12.05.2017	Photovoltaics
7	19.05.2017	Photovoltaics 2
8	26.05.2017	- no lecture-
9	1.06.2017	Biomass
10	8.06.2017	Fuel cells 1
11	15.06.2017	Energy storages
12	22.06.2017	Other renewable energies and technologies
13	29.06.2017	Power System integration of renewables, Legal issues
14	06.07.2017	Information and communication technologies for integration of decentralized energy units
15	13.07.2017	Time for question, preparation for examination, back-up for open issues