

Schedule Renewable Energies

Room: Bld. 10, R. 460

Time: Thursday, 01:00 p.m. to 03:00 p.m.

Lecturers: Dr.-Ing. André Naumann
Dr.-Ing. Maik Heuer
Prof. Dr.-Ing. habil. Martin Wolter

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

No.	date	topic	Excercise
1	07.04.2016	Organizational issues, introduction to renewables, state of the art	
2	14.04.2016	Hydro power	
3	21.04.2016	Wind energy 1	
4	28.04.2016	Wind energy 2	
5	12.05.2016	Photovoltaics	
6	19.05.2016	Biomass	
7	26.05.2016	Fuel cells 1	
8	02.06.2016	Fuel Cells 2	
9	09.06.2016	Energy storages	
10	16.06.2016	Other renewable energies and technologies	
11	23.06.2016	Power System integration of renewables, Legal issues	
12	30.06.2016	Information and communication technologies for integration of decentralized energy units	
13	07.07.2016	Time for question, preparation for examination, back-up for open issues	