

# Schedule Renewable Energy Sources

Location: Geb. 02-R.111

Time: Friday 13:15 to 14:45

Lecturer: Dr.-Ing. André Naumann

## 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

Nr.	Date	Topic
1	06.04.2018	Organizational issues, introduction to renewables, state of the art
2	13.04.2018	Hydro power
3	20.04.2018	Wind energy 1
4	27.04.2018	Wind energy 2
5	04.05.2018	Photovoltaics
6	11.05.2018	Biomass
7	18.05.2018	Fuel Cells 1
8	25.05.2018	Fuel Cells 2
9	01.06.2018	Energy storages
10	08.06.2018	Other renewable energies and technologies
11	15.06.2018	Power system integration of renewables, legal issues
12	22.06.2018	Information and communication technologies for integration of decentralized energy units
13	29.06.2018	Further aspects and future outlook, current research projects
14	06.07.2018	Time for question, preparation for examination, back-up for open issues