



## **Announcement**

# **Future Energy Supply and Nuclear Fusion**

Dr. Thomas Eich

## **Content**

- Energy supply in Germany and worldwide
- Individual energy consumption: 'Balance Sheet'
- Basics of climate change
- Nuclear fusion reactor, discussion of nuclear energy
- In the seminar: Alternative energies such as wind, photo voltaic, hydro-energy, geothermal, solar thermal, tidal power plant, smart heating, e-mobility etc.

## **Prerequisites**

Basics in experimental physics, electrodynamic of advantage

## **Additional Information**

Lecture with seminar

2 ECTS credits, not marked

Preliminary discussion on 09.11.17, block course end of the semester (February, 2 dates all day)

Maximum number of participants: 12

## **Lecturer**

Dr. Thomas Eich, Max-Planck-Institut für Plasmaphysik, Garching