

Industry 4.0 covers modern information and communication technology and how machines and processes in industry are intelligently networked:

- **Methods and principles** of Industry 4.0, as well as **characteristic technologies and components**
- **Expertise** in the fields of control and network technology, sensor systems, data management and machine learning, simulation and system integration
- **Application** to specific use cases



In addition: **group work** by students

- Examination of a selected topic/question
- Developing an **idea** / putting together a **presentation**
- Range of possible topics
 - **Humanoid Robots**
 - **Cobots**
 - **Exoskeletons**