Automation and Simulation
Solve computing assignments and apply your skills in a project

Expect these Contents
Learn all about fundamentals in automation and simulation. The topic simulation features various exercises in a computer lab. You solve real world problems by applying software and acquire a solid understanding of methods used in mechanical engineering. In the automation part, you discuss modern automated production systems, covering major cutting-edge technologies of production automation.

- Come up with elaborate calculations for adequate simulations
- Realize a project work in a computer laboratory
- Try, test, and acquire methods in mechanical engineering to understand automation processes
- Learn about current research challenges during a lab tour
- Upgrade your skill set for the interdisciplinary engineering world

Quick Facts
Your Summer School at a glance

- July 14 - August 3, 2024 (3 weeks)
- On campus
- RWTH Certificate with 4 ECTS (approx. 100 hours)
- €3,350
- Mentoring and Supporting Program
- Accommodation included

Insights into the technologies of the future
As a global pioneer in the field of industrial automation, Eaton is playing a key role in the development and implementation of the most advanced technologies. For you, they open their gates of their German headquarters in Bonn. A whole day full of exciting hands-on activities paired with the latest technologies awaits you!