

Production Technology meets Industry 4.0

Optimize production by considering materials, AI and smart factory concepts

Check out our
[website!](#)



Expect these Contents

Explore fundamental areas of Industry 4.0 and acquire a better understanding of current and future requirements in production technology. Learn about Internet of Things and Internet of Production, discuss the role of robotics in automation and consider aspects of human-machine interaction. By considering different aspects of artificial intelligence you dive deep into the concept of smart factory.

- ▶ Experience the production chain with real-life machines and learn how to plan the layout of modern factories
- ▶ Gain valuable insights into Industry 4.0 technologies to improve human-machine interaction and succeed in future work places
- ▶ Understand artificial intelligence, big data and data mining
- ▶ Visit the „Smart Automation Lab“ to see robots in action
- ▶ Work with various materials and lightweight design

Quick Facts

Your Summer School at a glance

 July 7 - July 27, 2024 (3 weeks)	 3,350 €
 On campus	 Mentoring and Supporting Program
 RWTH Certificate with 4 ECTS (approx. 100 hours)	 Accommodation included

Production Technology meets Industry 4.0 in reality

Our long-standing partner company Henkel produces entirely according to the concept of Industry 4.0 and has perfected the idea of smart factories. In order to experience their processes, you are invited to come and see one of the most modern production facilities in the world!

