



THU

Technische
Hochschule Ulm
University of
Applied Sciences

INVITATION

SUMMER SCHOOL 2025

Cybersecurity Today

A week of fun and insights

Cybersecurity is critical in today's interconnected world, protecting organizations and ensuring trust. This summer school invites students from all fields to explore cybersecurity & tech through:

- › **Keynote Talks:** Insights and new perspectives from the industry and academic research
- › **Industry Excursions:** Find out what the industry is doing right now
- › **Hands-On Workshops:** Practical skills in penetration testing, information security and 3D printing

REQUIRED SKILLS

No advanced expertise needed - basic programming skills and familiarity with Windows/Linux are enough. Discover the skills and opportunities cybersecurity offers, regardless of your background!

COST AND EXPENSES

Participants are responsible for their own travelling expenses, accommodation and food. **The workshops themselves are free of charge.** The number of participants is limited to 20.

Sign up by April, 30th at [Registration](#)



28th of July to
02nd of August 2025



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PROGRAM:

**Monday
(07/28/25)**

10 am
Prof. Dr. Klaus Baer
› Welcome at THU
11 am – 12 am
Steven Schäbel
› Cybercrime and
cyberwarfare

**Tuesday
(07/29/25)**

9 am – 12 am
Lennart Schneider
› Social engineering
with ChatGPT

**Wednesday
(07/30/25)**

9 am - 12 am
Company Visit
BMW Car IT, Ulm
Learn more here:
www.bmw-carit.de/en

**Thursday
(07/31/25)**

9 am – 12 am
Company Visit
Systemhaus Ulm GmbH
Learn more here:
<https://systemhaus-ulm.de>

**Friday
(08/01/25)**

9 am – 12 am
**Prof. Dr. Markus
Schäffter,
Steven Schäbel**
› Guided hands-on
pentesting session

**Saturday
(08/02/25)**

Excursion
**Neuschwanstein Castle
and the Alps**
Learn more here:
<https://www.neuschwanstein.de/englisch/tourist/index>

Lunch time

1 pm – 2 pm
Lennart Schneider
› Phishing in the
modern era of AI
2 pm – 3 pm
**Prof. Dr. Markus
Schäffter**
› How Hackers are
working
3 pm – 5 pm
Steven Schäbel
› Popular hacking Tools
Explained

Lunch time

1 pm – 5 pm
Steven Schäbel
› Professional 3D
Modelling and
Printing with Fusion

Lunch time

1 pm – 5 pm
Steven Schäbel
› Professional 3D
Modelling and
Printing with Fusion

Lunch time

1 pm – 5 pm
**Prof. Dr. Markus
Schäffter,
Steven Schäbel**
› Image Detection with
Yolo AI on a
Raspberry Pi

Lunch time

1 am – 5 pm
**Prof. Dr. Markus
Schäffter,
Steven Schäbel**
› Guided hands-on
pentesting session

City Rallye

Leisure Time

Cultural Program

Farewell Evening

Leisure Time

Leisure time

