

INVITATION

THU SUMMER SCHOOL ULM

TECHNOLOGY AND YOU - CYBER SECURITY AND ROBOTICS

How Cyber Security and Robotics affect your everyday life

We invite you to Ulm University of Applied Sciences! Meet us and enjoy the culture of Southern Germany.

Get in touch with German Research Professors during University Workshops. Practice your German during Workshops and leisure time in Germany!

Estimated costs: approx. 750,00 EUR per Person (accommodation, food, transportation Ulm and region, THU workshops Cybersecurity and Robotics, Company Visits and Cultural Program).

Sign up by April, 30th at

Last minute Signup via Mail

CULTURAL PROGRAM ULM

- > Welcome evening
- Sightseeing Tours like:
 - · Blautopf Walk, Blaubeuren
 - Mercedes-Benz Museum, Porsche Museum, Stuttgart
 - Excursion to Lake Constance and Pfänder (boat trip and cable car ride)
- > Farewell evening

WORKSHOPS AT ULM UNIVERSITY OF APPLIED SCIENCES

Introduction: Prof. Dr. Klaus Baer

- > How to attack information systems and networks
- → Solve IT Security "snacks" in teams
- > Hands-On 3D-Printing and Programming with Raspberry Pi
- → Robotics at THU Laboratory





PROGRAM:

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Monday (07/29/24)	Tuesday (07/30/24)	Wednesday (07/31/24)	Thursday (08/01/24)	Friday (08/02/24)	Saturday (08/03/24)
Prof. Dr. Klaus Baer Welcome at THU 11 am - 12 am Prof. Dr. Markus Schäffter, Steven Schäbel Cyber Warfare From Ukraine to Iran over Europe: Where Cyber- security shapes modern conflicts	9 am - 12 am Prof. Dr. Markus Schäffter, Steven Schäbel IT Security Snacks Systems and Network attacks Solve IT Security snacks in teams	9 am - 12 am Company Visit BMW Car IT, Ulm Learn more here: www.bmw-carit.de/en	9 am - 12 am Prof. Dr. Markus Schäffter, Steven Schäbel Raspberry Pi: Hands-on experiences in 3D printing and Python programming	9 am - 12 am Prof. Dr. Klaus Schlickenrieder Introduction to Robotics	9 am - 6 pm Excursion to Lindau on Lake Constance, boat trip to Bregenz, cable car ride up the Pfänder mountain in the Alps
Lunch time	Lunch time	Lunch time	Lunch time	Lunch time	
1 pm - 5 pm Steven Schäbel Critical Infrastructures and Cybercrime	1 pm - 4 pm Prof. Dr. Markus Schäffter, Steven Schäbel	1 pm - 4 pm Company Visit Bosch Rexroth, Ulm	1 pm - 4 pm Prof. Dr. Markus Schäffter, Steven Schäbel	1 pm - 4 pm Prof. Dr. Klaus Schlickenrieder Hands-On Experience	
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Prof. Dr. Markus **IT Security Snacks** Learn more here: Raspberry Pi **Robotics at THU Robotics** Schäffter > Systems and Network www.boschrexroth.com/ From nothing to Laboratory How Hackers are working attacks something: Program a en Steven Schäbel Solve IT Security snacks simple image detector on a Raspberry PI and Hacking Tools Explained in teams 3D-print a case for it! **Farewell Evening Leisure time** Blautopf-Walk, Pizza in a typical Leisure time **Leisure time** Blaubeuren southern German beer garden



