



Institute of Automation and Infocommunication Technology

Student Talent Day 2026

Research topics and opportunities for international students in Scientific Students' Associations

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Main profile

Electronics design, manufacturing-related engineering, industrial automation and applied control.

Event

Talent Day
22 April 2026

Electronics

Circuit design
Embedded and electronic systems
Measurement and testing

Process automation

DCS and SCADA
Control systems
Industrial communication

Manufacturing automation

PLC programming
SCADA integration
Industrial safety topics

Robotics

Robot applications
Motion and control
System integration

Machine vision

Industrial imaging
Inspection
Vision-based tasks

In short

We focus on electronic engineering and industrial automation from sensor level to complete production and process systems. Our work connects hardware, control, software and real industrial applications.

Strong areas: PLC · DCS · SCADA · industrial networks · control · robotics · vision

Automation and control

- PLC and SCADA project work
- Control algorithm testing
- Industrial network communication
- Monitoring and data collection

Electronics and systems

- Electronic design tasks
- Sensors, signals and interfaces
- Testing and validation
- Hardware–software integration

Robotics and vision

- Robot cell ideas
- Camera-based inspection
- Object detection and tracking
- Smart manufacturing applications

What a student can gain

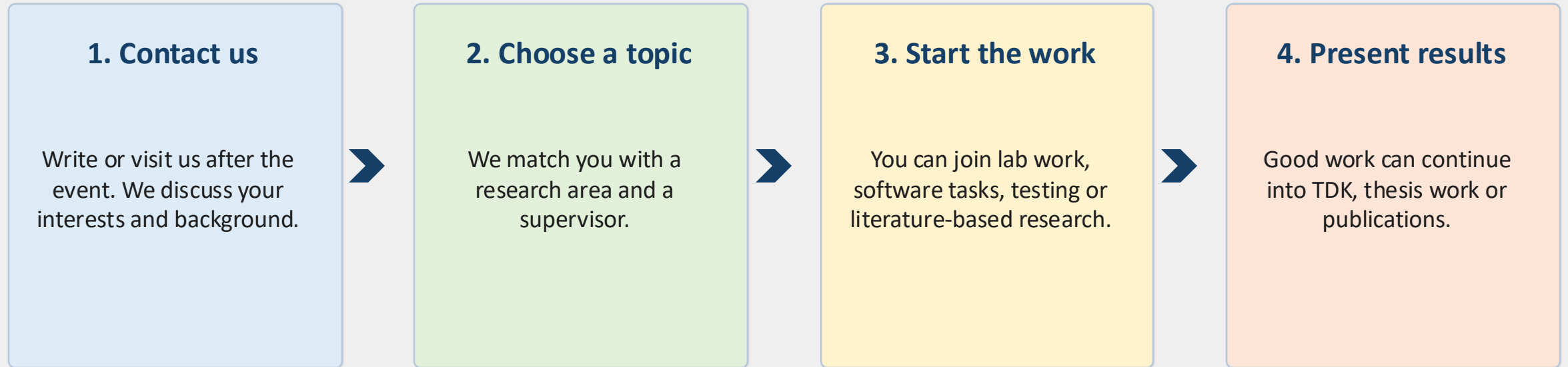
Real engineering problems
Lab and project experience



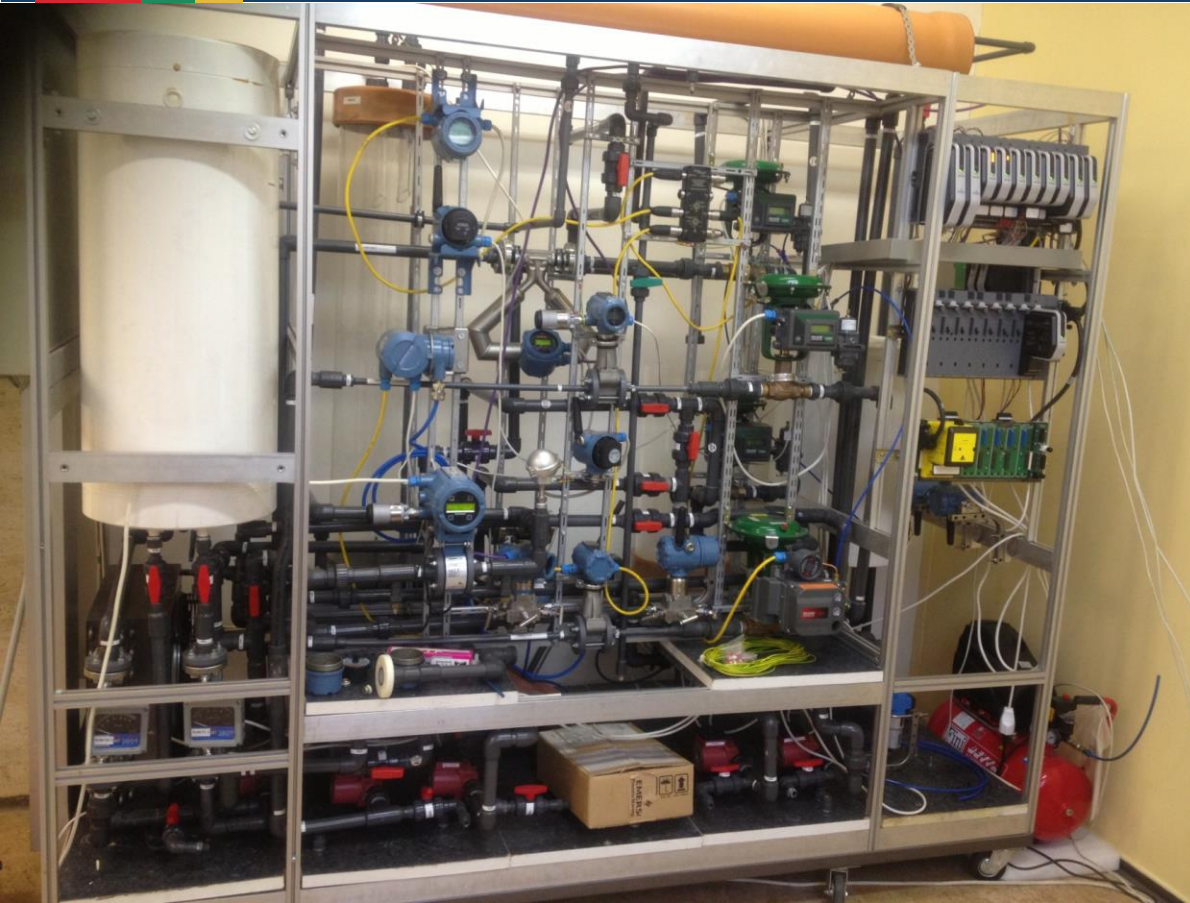
Supervisor support
Step-by-step topic
development



Presentation and publication
opportunities



We can communicate in English, and this presentation is meant as a first easy entry point for international students.



Free software licenses are also available for our students, so you can install selected professional tools on your own computer and continue your research work at home. This gives you the chance to practice, test ideas, and develop your project outside the laboratory as well, using software such as Factory I/O and TIA Portal.

Become a member of our research team!
The world of electronics, robotics, and automation is waiting for you!



Thank you for your attention!

Let us talk after the session.

Contact

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Next step

Come to the small talk
or contact me later