

MSE First Term Labs

Head of Examination Board

Prof. Dr. Michael Kuhn

Michael Hubrich

October 2023

Major **Automation** Labs

- Safety in Industrial Automation
- Adaptive Control, Modeling and Identification
- Computer Vision
- Advanced Programming Techniques
- Elective Modules (5 CP)

Major **Communication** Labs

- Advanced Digital Signal Processing
- Microwave Components and Systems
- Advanced Software Design and Development
- Elective Modules (10 CP)

Major Embedded and Microelectronics Labs

- Advanced Programming Techniques
- VLSI Design and Testing
- Advanced Microcontroller Systems and Embedded OS
- FPGA-based System on Chip Design
- Elective Modules (5 CP)

Major Power Labs

- Advanced High Voltage Technology
- Power System Operation
- Renewable Energy Systems
- Embedded Programming and Design of Real-Time Control Systems
- Elective Modules (5 CP)

Lab Registration

- In the lab and projects registration period, register via the [university portal my.h-da.de](https://portal.my.h-da.de) Use the button **exam registration** for all labs you want to take.
- After the registration period you will be enrolled in a corresponding moodle course and get all information directly from the lecturer.

Deadline for Registration: 15.10.2023

Exam Registration

- Further meeting regarding exam regulations will be held on November 7th, 2023 at 5.45pm (details to be announced)...

Contact Persons

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