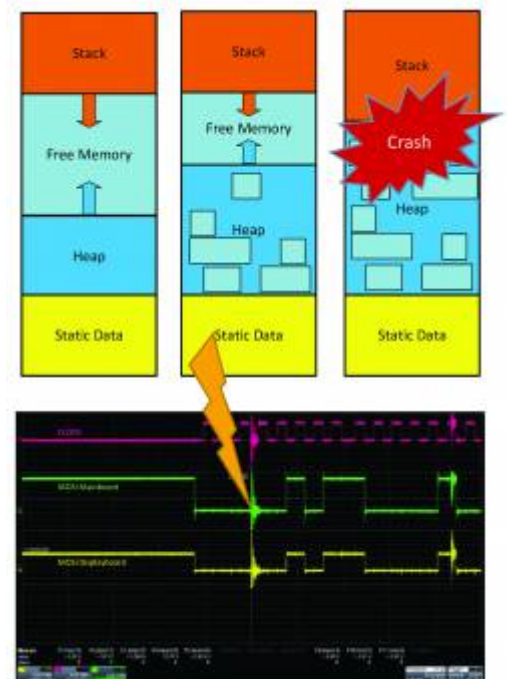


Microcontroller Programming and Debugging

Content

The topics will be:

- Compiler tool-chain and assembler
- Programming language C
- Coding guidelines



- Embedded software architectures
- Formal methods
- Modell-based software development
- Advanced languages for embedded programming
- Debugging
- Interactions with the copper layer
- Data processing

Organizational

- All information is available in the moodle Room. [Access via RWTHOnline](https://moodle.rwth-aachen.de/).
- The lecture and the exercise are held at lecture hall AH III.
- The exam will be held via the digital examination system of RWTH, Dynexite. The exam will take place at the planned appointment, as an offline exam.
- lecture, exercise and exam will be in english language

Dates

- Tuesday 14:30 - 16:00 hrs
- Wednesdays 10:30 - 12:00 hrs

The first lecture of the semester takes place on Monday, 04 April 2022.

- Written examination: 16.08.2023
- Retake: 21.09.2023

Tutor

- [Frederik Berg, M.Sc. RWTH](#)
- Mail: [ampnd\[at\]embedded.rwth-aachen.de](mailto:ampnd[at]embedded.rwth-aachen.de)

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