

Einführung in eingebettete Systeme

[L2P](#) registration is now active. Please use it. In order to increase motivation, the group schedule will be posted in [L2P](#).

Content

Basic introduction to technologies, functions and the design of embedded systems:

- Typical requirements
- Examples of product and production automation
- Introduction to microcontrollers
- Introduction to logic control with PLCs, device technology, and according tools

The lecture will be held in English.

Links

- [RWTH Campus](#)
- [Frequently asked questions MCU](#)
- [ATMega 16 Description](#)
- [All FAQs including FPGA and VHDL issues](#)

Literature

- Webpage TU Wien: [Script](#) (1.2M) and according [webpage](#)
- Barr: Programming Embedded Systems in C and C++
- Pont: Embedded C
- Lunze: Automatisierungstechnik, Oldenbourg, 2003.
- Lewis: Programming industrial control systems using IEC 1131-3, IEE, 1998.

From:
<https://www.embedded.rwth-aachen.de/> - Informatik 11 - Embedded Software

Permanent link:
https://www.embedded.rwth-aachen.de/doku.php?id=lehre:wise0708:einfuehrung_in_eingebettete_systeme

Last update: **2011/11/21 17:33**

