



Bus Systems

WS 2018/2019

Prof. Dr. Reinhard Gotzhein, Dr. Thomas Kuhn

Organization

Organization

Your Lecturer

- Dr. Thomas Kuhn, Fraunhofer Institute IESE
- Division Manager: Embedded Systems

Contact data

- Phone: 0631 6800 2177
- Fax: 0631 6800 9 2177
- EMail: thomas.kuhn@iese.fraunhofer.de

Lecture Slides

- Will be made available in KIS

Organization

Lectures

- Mondays, 8:15-9:45
- Starting at 29.10.2018

Exercises

- TBA

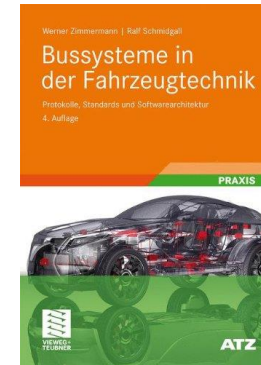
Examination

- Oral Examination

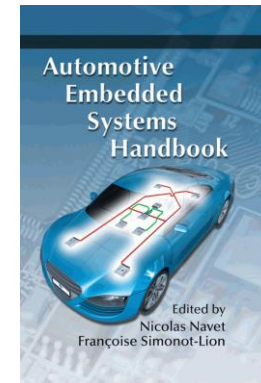
Organization

Literature

- Werner Zimmermann, Ralf Schmidgall
Bussysteme in der Fahrzeugtechnik
Protokolle, Standards und Softwarearchitektur
4. Auflage



- Nicolas Navet, Françoise Simonot-Lion
Automotive Embedded Systems Handbook



Organization

Outline

1. Organization
2. Introduction
3. Communication principles
4. Physical communication
5. Vehicular networks
6. Commercial Vehicle networks
7. Production Automation networks
8. Avionic networks
9. Wireless networks for embedded systems