

# Seminar

## Real-time communication systems

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# Introduction



- Morteza Hashemi Farzaneh
- Scientific Assistant
- Robotics and Embedded Systems
- Research topics:
  - Real-time communication in general
  - Real-time middle-ware
  - Industrial Ethernet
  - Deterministic Networked Medical Systems
- Project OR.NET
  - Real-time communication in medical environments such as operating rooms
  - Middle-ware based approaches



# Seminar Real-time communication systems

- Focus is on the state of the art
- Searching for relevant papers to a given specific topic
- Reading papers and getting an overall view of the topic
- Important objective: You should master the state of the art!
- Writing a scientific (state of the art) paper about the topic.
- Reviewing the papers of other students
- Revising the papers based on the reviews
- Presentation ( 15 min talk, 10 min answering questions)



# Grading

- Finding the related state of the art papers (30%)
- Reading the papers and writing the seminar paper (30%)
- Review (20%)
- Presentation (20%)
- Attending the block lecture of presentations is **mandatory** for passing the seminar!



# Plagiarism

- Copy & Paste
- Using a scientific idea or concept without citation
- Seminar will be **failed!**
- **Reporting** the case to the responsible persons in **TUM**



# Procedure

1. Topic assignment
2. Each student arranges an appointment with me
3. Finding and reading related papers
4. Writing the seminar paper and sending to me
5. Each student reviews one paper
6. Reviewed papers will be sent to me again and I forward them to the authors
7. Sending the final paper and presentation to me based on the reviews
8. Presentation of papers with mandatory attendance



# Procedure

1. Topic assignment
2. Finding and reading related papers (15.11.2014 23:59)
3. Writing the seminar paper and sending to me (20.12.2014 23:59)
4. Each student reviews one paper (05.01.2015 23:59)
5. Reviewed papers will be sent to me again and I forward them to the authors (10.01.2015 23:59)
6. Sending the final paper and presentation to me based on the reviews (15.01.2015 23:59)
7. Presentation of papers with mandatory attendance (1,5 days end of in January)



# General Information

- We use IEEE latex template for writing papers

[http://](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)

[www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)

- For editing you can use ***texmaker***

<http://www.xm1math.net/texmaker/>

- For managing the paper references and very easier citing you can use Mendeley

[www.mendeley.com](http://www.mendeley.com)

