Mobile Services (ST 2010)

Chapter 0: Syllabus

Axel Küpper

Service-centric Networking
Deutsche Telekom Laboratories, TU Berlin
0 Syllabus

Service-centric Networking
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Service-centric Networking

Service-centric Networking

- New department established at Deutsche Telekom Laboratories/TU Berlin in December 2009
- Goal: research on intelligent and innovative services in the Future Internet

Topics

- Location and Context Awareness
- Electronic and Mobile Commerce
- Cloud Computing
- Service-oriented Architectures and Web X.0

Team

- Prof. Dr. Axel Küpper
- Ulrich Bareth
- Nicole Kandschur
- Abdulbaki Uzun

Web

- http://www.snet.tu-berlin.de/
Mobile Services (ST 2010)

1. Introduction
2. Mobile Networks
3. Location Management
4. Mobile Internet
5. Basic Services and Platforms
6. Mobile Web and other Applications
7. Positioning
8. Location-based Services
9. Selected Topics of Mobile Services
Syllabus
Schedule, Locations, and Contact

Mobile Services (Lecture)
- Day of the week: Thursday
- Period: April 15 – July 15, 2010
- Time: 04:15 PM – 05:45 PM
- Location: FR 00033

Mobile Services (Lecture)
- Day of the week: Friday
- Period: April 16 – May 28, 2010
- Time: 02:15 PM – 03:45 PM
- Location: FR 0512C

Mobile Services (Exercise)
- Day of the week: Friday
- Period: June 4 – July 16, 2010
- Time: 02:15 PM – 03:45 PM
- Location: FR 0512C

Target Group
- Master Computer Science (Informatik)
- Diploma Computer Science (Informatik)
- Master Computer Engineering (Techn. Inform.)
- Diploma Computer Engineering (Techn. Inform.)

Contact
- Website: http://www.snet.tu-berlin.de/moses/
- Teacher: Prof. Dr. Axel Küpper
- Email: axel.kuepper@[tu-berlin|telekom].de
- Phone: +49 30 8353 58810

Other Aspects
- ECTS points: 6
- Code designation: MINF-KS-MS.S10
- Examination: see next slide
0 Syllabus
Examinations

- An oral examination of between 20-30 minutes is offered
- Examination is graded according to the rules of the respective examination regulations.
- For registering, please send an email to the secretary and include your name, matriculation number, and degree program.
- Please note that the registration is obligatory, and a rejection is only possible in urgent cases of exception.
- The examination is rated as failed in cases of absence without valid excuse.
- These rules do not have an impact on possibly contradicting rules of the respective examination regulation.
Syllabus

Literature

Jochen Schiller
Mobile Communications
Addison Wesley

Jörg Roth
Mobile Computing (in German)
dpunkt Verlag

Raj Kamal
Mobile Computing
Oxford University Press

Axel Küpper
Location-based Services
John Wiley & Sons

William Stallings
Wireless Communications & Networks
Prentice Hall