

UMIC (Ultra Highspeed Mobile Information and Communication) is a research cluster established under the German Federal and State Government Excellence Initiative, focusing on the research and realization of future mobile applications and systems through interdisciplinary and academic-industrial collaborations.

The one-day UMIC workshop on future Mobile Applications aims to bring together researchers and PhD students involved in the rapidly increasing field of mobile applications. The workshop provides a forum for academics and practitioners to share knowledge and experience, explore future scenarios, directions and application domains of innovative research, and discuss the challenges and solutions for developing new mobile systems and applications. The workshop also aims at establishing a research community across universities, research institutions and industry for further knowledge sharing and long-term collaboration.



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Workshop Program

09:00

Welcome to UMIC Workshop on Future Mobile Applications
Yiwei Cao and Wolfgang Gräther
RWTH Aachen and Fraunhofer FIT

09:15

Mobile Device as a Smart Metering Display (with Demo)
Oleksandr Lobunets – Fraunhofer FIT

09:45

ideaPitch - A Spatial Tool for Notes (with Demo)
Nils Jeners – Fraunhofer FIT

10:15

Mobile Cloud Computing
Dejan Kovachev – RWTH Aachen

10:40

Coffee Break

11:00

Mobile Informal Learning
Christian Glahn and Dirk Börner
Open University Netherlands

11:30

Augmented Reality for Mobile Learning: information feeds versus designing scenarios
Stefaan Ternier
Open University Netherlands

12:00

Resource Annotation and Delivery for Mobile Augmented Reality Services
Martin Memmel
Deutsches Forschungszentrum für Künstliche Intelligenz

12:30

Lunch Break

13:30

Open API Platform (with Demo)
Johannes Willig
Ericsson Eurolab

14:00

Service Composition (with Demo)
Konstantinos Vandikas
Ericsson Eurolab

14:30

Virtual Campfire iNMV – Storytelling on the iPhone (with Demo)
Yiwei Cao and Xi Chen
RWTH Aachen

15:00

iBSCW - BSCW applications on the iPhone (with Demo)
Wolfgang Gräther
Fraunhofer FIT

15:30

Coffee Break & Demos

16:15

Discovery and Interaction in Ubiquitous Environments
Marc Jentsch and René Reiners
Fraunhofer FIT

16:45

Supporting Mobile Maintenance in Construction Industry
Anne-Kathrin Braun
Fraunhofer FIT

17:15

Discussion and Further Steps
Ralf Klamma
RWTH Aachen

Workshop Organization

- Informatik 5, RWTH Aachen University
- UMIC Research Center
- Fraunhofer FIT

Registration

Please contact Yiwei Cao

Email: cao@dbis.rwth-aachen.de

Registration deadline: Feb. 22, 2010

Web Link

<http://dbis.rwth-aachen.de/cms/events/umic-workshop-on-future-mobile-applications>

Location

UMIC Research Center, Room 025
RWTH Aachen University
Mies-van-der-Rohe-Straße 15
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