

International MOBILWARE 2011 Conference

Conference Program

Venue: Fyvie Hall, University of Westminster, 309 Regent Street, London

22 June 2011

9:00 – 9:30 Opening Session

9:30 – 10:30 Keynote

Lajos Hanzo, Shannonian Lessons for Wireless, the 'World-Wide Wait' and 'Green' Radios...

10:30 - 11:00 Coffee break

11:00 – 12:30 Mobile Sensor Networks (MSN)

1. Rifat Ozcan, Fatih Orhan, M. Fatih Demirci and Osman Abul. An Adaptive Smoothing Method for Sensor Noise in Augmented Reality Applications on Smartphones.
2. Marco Picone, Marco Muro, Vincenzo Micelli, Michele Amoretti and Francesco Zanichelli. Mobile Architecture for Dynamic Generation and Scalable Distribution of Sensor-based Applications.
3. Hamilton Turner and Jules White. Verification and Validation of Smartphone Sensor Networks.

12:30 - 14:00 Lunch

14:00 – 15:30 Mobile Systems in Education

1. Kamal Bijlani, Ranga Venkataraman, Shivsubramani Krishnamoorthy and Venkat Ranga, A-VIEW: Context-Aware Mobile E-Learning for Masses
2. Anastassia Angelopoulou, Daphne Economou, Vassiliki Bouki, Alexandra Psarrou, Li Jin, Chris Pritchard, and Frantzeska Kolyda. Mobile Augmented Reality for Cultural Heritage
3. Daphne Economou, Alex Keable – Crouch, Vassiliki Bouki, Arti Basukoski, Vladimir Getov. WMIN-MOBILE: A mobile learning platform for information and service provision

15:30 - 16:00 Coffee break

16:00 – 17:00 Poster Session Papers:

1. A Packet Reassembly and Segmentation Protocol for Low Rate Applications in Bluetooth Sniff Mode
2. A Model-Driven Approach for Automating Mobile Applications Testing

3. Efficient Event-based Multimedia Content Provisioning Framework
4. Media Web Runtime: A distributed Cross Device Cross Domain Application Runtime for Web Applications
5. Performance of Convolutionally Encoded CI/MC-CDMA System

19:30 Conference Dinner

23 June 2011

9:30 – 10:30 Keynote

Gordon Blair, Revisiting Interoperability: The Case for Emergent Middleware

10:30 - 11:00 Coffee break

11:00 – 12:30 SOC for Mobile Apps (SOC)

1. Muthoni Masinde, Zeba Nyikal and Bagula Antoine. Extending the Power of Mobile Phone Using Service Oriented Computing.
2. Zhenyu Wu, Chunhong Zhang and Yang Ji. Web of X Service Environment for Ubiquitous Computing.
3. Marcio Maia, Lincoln Rocha, Paulo Henrique Maia and Rossana Andrade. An Autonomous Middleware Model for Essential Services in Distributed Mobile Applications.

12:30 - 14:00 Lunch

14:00 – 15:30 Panel Discussion

Mobile Clouds, Chair: Vladimir Getov

15:30 - 16:00 Coffee break

16:00 – 18:00 Networking Platforms (NW)

1. Wahabou Abdou, Christelle Bloch, Damien Charlet, Dominique Dhoutaut and Francois Spies. Designing Smart Adaptive Flooding in MANET using Evolutionary Algorithm.
2. Niranjani Suri, Giacomo Benincasa, Mauro Tortonesi, Enrico Casini and Andrea Rossi. Peer-to-peer Cooperative Networking for Cellular Mobile Devices.
3. Feng Hong, Chunlei Guo, Xiqing Zhang, Zhongwen Guo and Yuan Feng. PSD: One-to-Many Routing Protocol for Publish/Subscribe Applications in DTN.
4. Mirko Cano, Toon Norp and Mariya Popova. Satcom access in the Evolved Packet Core.

24 June 2011

9:00 – 10:30 Mobile Execution Frameworks (MFW)

1. Arno Puder. Running Android Applications without a Virtual Machine
2. Aaratee Shrestha, Bettina Biel, Tobias Griebe and Volker Gruhn. A Framework for Building and Operating Context-Aware Mobile Applications
3. Ioannis Kounelis, Hao Zhao and Sead Muftic. Secure Middleware for Mobile Phones and UICC Applications

10:30 - 11:00 Coffee break

11:00 – 13:00 Mobile Cloud (MC) and Distributed Execution

1. Mohammed Hassan and Songqing Chen. An Investigation of Different Computing Sources for Mobile Application Outsourcing on the Road
2. Ju Wang, Hui Chen, Kostadin Damevski and Jonathan Liu. Mobility-tolerant, Efficient Multicast in Mobile Cloud Applications
3. Niall Murray, Brian Lee, A K Karunakar, Yuansong Qiao and Enda Fallon. Virtual Device: Media Service Fitness, Selection and Composition
4. Zeina Torbey, Nadia Bennani, David Coquil and Lionel Brunie. User Centric Replication Approach to Maintain Data Availability in MANET

13:00 Closing

13:00 - 14:00 Lunch