

Call For Papers, Tutorials, and Workshops



UK&RI Computer Chapter

Second International Conference and Exhibition on NEXT GENERATION MOBILE APPLICATIONS, SERVICES and TECHNOLOGIES

Building Bridges in the Mobile World

Cardiff, Wales, UK 16-19 September 2008

Co-sponsored by IEEE UKRI Computer Chapter



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Important Dates

Submission
15 April 08

A/R notification
30 May 08

CR and Registration
22 June 08

Conference
16-19 September 08

Following the distinctive success of NGMAST'07, the Second NGMAST 2008 Conference will be also held in Cardiff's newest building, the ATRium.

NGMAST2008 will focus on all novel aspects of technology, application and service development within the Mobile and Wireless Communications community. It aims to bring together a wide spectrum of international experts from the fields of research, business and policy, to facilitate a creative forum for the promotion of collaboration and knowledge transfer. NGMAST'07 had participants from 30 countries.

In particular it will facilitate a dialogue between Government, SMEs, major industry players and academia to help create pathways for the development of common goals in a convergent network environment.

Opportunities and activities

The three day conference programme will combine keynote speakers from both industry and academia with a multi-track technical programme. There will be opportunities to attend interactive, high quality, peer reviewed sessions which will provide detailed insights from forward thinkers working in the themes of the conference. The conference will include a number of specialised workshops as well.

Additionally there will be an exhibition for both international business and niche market SMEs to display their latest products and services and to undertake a range of networking opportunities.

Conference themes include but not limited to:

Next Generation Mobile Services

- IMS service architecture
- Fixed-Mobile Convergence and IMS
- Next Generations Service Management and delivery
- Software System design for Mobile services
- Multimedia and Multicast services
- Peer-to-Peer Services
- Client-Server based services
- Innovative services on IMS Application Servers
- Location-based services
- Context/Content-aware services
- Security services
- IMS Billing, Accounting and Charging

Next Generation Mobile Applications

- SIP-based applications on IMS
- Mobile TV and multicast applications
- Mobile peer-to-peer (P2P) applications
- Machine-to-Machine (M2M) applications
- Real-time multimedia applications
- Mobile gaming
- High-speed data applications on mobile networks
- Web 2.0 and IMS
- i-mode vs. IMS
- IMS+OSA/Parlay

- Secure Mobile banking applications
- Mobile GIS applications
- Mobile health care and medical applications
- Home automation and monitoring applications
- M-commerce
- M-learning
- M-entertainment
- Mobile applications user interface and design
- Mobile Search engines

Next Generation Mobile Technologies

- IMS deployment experiences
- Next generation access technologies
- Fixed-Mobile Convergence and IMS
- Mobile Broadband technologies
- Mobile Vehicular technologies
- Adaptation techniques for next generation networks and services
- Inter-operability and optimization issues
- End-to-End quality of service
- Resource Allocation and Management strategies
- Ambient and pervasive networking
- Energy conservation technologies

Standardization and Ethical issues for beyond 3G

- Beyond 3G and Society
- Next Generations Network Management and Operation strategy

Paper submission will be through the conference on-line systems. Sponsors, exhibitors, tutorial and workshop proposers should contact the conference chair.

Important deadlines and Up-to-date information will be posted on www.ngmast.com

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