Future Network & MobileSummit 2012 Call for Papers

Berlin – *Germany*

04 - 06 July 2012

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Thematic Priorities
Including, but not limited to

Radio Access and Spectrum:
Wireless and mobile broadband systems

- LTE-Advanced and post-LTE systems
- Enabling technologies for flexible spectrum usage
- Next-Generation Radio System Architectures and Protocols
- Novel radio network technologies, including energy-efficiency
- Advanced Physical Layer Techniques
- Cognitive and Reconfigurable Radio Systems
- Radio Network & Terminal Self-configuration/Management
- Radio-Fibre Integration and Femto cells

Converged and Optical Networks:
High-capacity end-to-end infrastructure technologies

- Next-generation Passive and Active (P2P) Optical Networks
- Gigabit Home and In-Building Networks
- Fixed-Mobile Convergence (Infrastructure Convergence, Centralisation in Radio-over-Fibre, Femtocells & Support)
- High capacity, scalable, efficient and flexible metro and core optical networks
- Converged services over optical networks
- Infrastructure solutions for high performance IT services

Future Internet Technologies:
Novel Internet architectures, management and operation frameworks

- Future Internet Architectures: resilient, trust-worthy and energy-efficient
- Visionary and clean-slate designs
- Scalable Architectures for the Real World Internet
- Future Internet Self-Management Frameworks
- Network Overlay, Virtualisation and Federation
- Future Internet Experimental Facilities and Benchmarking
- Platforms and Middleware for Seamless Service & Content Delivery
- Security, Trust and Privacy in the Future Internet

Integrated Satellite Communications

- Very high speed broadband access via satellite
- Hybrid broadcast/broadband systems
- Integrated architectures involving SatComs
- Techniques enabling Flexibility, Security, Resiliency
- Technologies & management concepts for better spectrum usage efficiency

Planned Deadlines

- Online Submission Deadline: **09 December 2011**
- Provisional Acceptance: **31 January 2012**
- Submission of Final Paper: **09 March 2012**
- Presenter Registration: **31 March 2012**

Submission of Papers & Workshops

- **Submission of high-quality papers,** which may focus on Scientific Research, Technical or Visionary Concepts, is encouraged. Papers should highlight the actual or expected Impact of Results.
- Accepted papers will be presented orally in the scientific/technical tracks in the Programme. They may be grouped within the track into appropriate thematic Workshops. Papers not selected for oral presentation may be accepted for presentation in the Poster sessions.
- Plenary and thematic Workshop papers may also be included, by invitation.
- All Papers (up to 8 pages in length) must use the Future Network & Mobile Summit Paper Template. It is planned that papers accepted for oral presentation should be suitable for inclusion in IEEE Xplore.
- **Proposals for Workshop topics** should be thematically focused, and normally will include presentations from several complementary projects. The Thematic Workshops will be incorporated within the Programme tracks,taking into account available sessions and relevant submitted papers.

Exhibition

- Call for Exhibitors opens November
- Innovative Technology or Application Demonstrations are Invited

Sponsorship Opportunities

- Support Brand Identity & Build Relationships with Leading Industry and Research Organisations
- To Discuss a Standard or Customised Package, Contact secretariat@FutureNetworkSummit.eu

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Future Network & MobileSummit 2012

Conference Focus

In the context of convergence and innovation, the **21st Future Network and MobileSummit** (**04 – 06 July, Berlin**) will address the challenges of building the Future Internet Infrastructure, based on mobile, wireless and fixed broadband communications technologies. It showcases research and innovation funded commercially or at European or national level. Contributions from around the world are very welcome.

The Scientific Programme of **Future Network and MobileSummit 2012** will incorporate all the key constituents of Future Communication Networks, including:

- **Radio Access and Spectrum**
- **Converged and Optical Networks**
- **Future Internet Technologies**
- **Integrated Space Communications**

Supported by the European Commission and the Net!Works European Technology Platform and Technical Co-Sponsored by IEEE, the **Future Network and MobileSummit** integrates high-level industry/policy plenary sessions that discuss strategic issues for Future Networks with high quality technical/scientific tracks and workshop sessions. Technical/scientific tracks present papers that showcase original results and hot topics in all areas of mobile, wireless and fixed broadband communications systems and networks.

Event Profile

The **Future Network and MobileSummit** has a long-standing and successful identity as an event where the key actors from industry, government and the academic community come together. Experts from leading industry, research and government organisations share experiences and research results, identify future trends and discuss opportunities for research collaboration through European and national framework programmes, innovation and exploitation of results.

Call for Sponsors

The **Future Network and MobileSummit 2012** is supported by the European Commission and Net!Works European Technology Platform and Technical Co-Sponsored by IEEE (subject to confirmation).

The **Future Network and MobileSummit Series** is self-funding through delegate registrations and sponsorship. To learn more about available sponsorship opportunities and associated benefits, please contact the Conference Secretariat: secretariat@FutureNetworkSummit.eu

Paper & Workshop Submissions

Research and technical papers featuring innovative results & visionary papers are invited for the **Future Network and MobileSummit 2012**. Papers must highlight the level of innovation and actual or expected impact, project descriptions alone are not appropriate.

Papers (up to 8 pages in length) should use the Future Network and Mobile Summit Paper Template. Proposals are subject to a double blind peer review process. Best papers will be selected for publication in an IEEE journal.

The Conference Organisers will only communicate with the person who uploads the paper to the conference website, who is assumed to be the presenter unless we are informed otherwise. While authors can submit multiple papers, all presenters must be unique. Each author can only present one paper or poster, with co-authors or colleagues expected to register and present other accepted papers, posters or workshop presentations.

Proposals for Thematic Workshops are also invited, which will be incorporated within the Conference programme, based on availability of session slots. Workshops will normally include regular submitted papers. They may also include invited Keynotes and additional project contributions. All presenters and participants must register for the Summit.

Committees

The **Future Network and MobileSummit 2012** is organised by IIMC Ltd in cooperation with the European Commission and Net!Works. A distinguished Technical Programme Committee (TPC) is being formed to evaluate and provide feedback on final draft papers received, compile the programme, provide feedback on final presentations, and chair sessions. TPC Members will be announced during September.