



## IEEE Workshop on Convergence among Heterogeneous Wireless Systems in Future Internet

Future Internet envisions the synergy among heterogeneous wireless communications will co-exist providing the end user the “flexibility and choice”, to improve his/her quality of life. The integration of heterogeneous networks in multi-access and multi-operator environment is revolutionizing the ICT area, introducing new opportunities, better communication channels and an enhanced quality of provided applications and services. In this environment, a user is able to connect to a number of heterogeneous RATs (Radio Access Technologies), either covering the same, or complementing geographical areas. These networks can be macro-cellular, WLANs, femto-cellular or even ad-hoc. In this environment, seamless mobility is coupled according to user preferences, enabling mobile users to be “Always Best Connected” (ABC) so that Quality of Experience is optimised and maintained.

### Topics of interest

The proposed Workshop will report the results of latest research efforts on convergence among heterogeneous wireless systems in Future Internet. We solicit papers that cover a variety of topics including, but not limited to:

- Wireless Network Architectures
- Middleware for wireless converged networks.
- Wireless Convergence in Future Internet Initiatives (e.g. FIRE, GENI etc)
- IP-based Mobility Management
- Efficient Handover Algorithms and RRM in heterogeneous wireless networks
- Cross-Layer Schemes
- Modeling, performance evaluation, simulation, and optimization techniques
- Wireless network testbeds and applications
- QoE in wireless converged networks

### Submission Procedure

Submitted papers must represent original material which is not currently under review in any other conference or journal and has not been previously published. Paper length should not exceed five-pages standard IEEE conference two-column format. Please see the Author Information page for submission guidelines in the IEEE ICC 2012 website <http://www.ieee-icc.org/2012/> Papers should be submitted by selecting ICC 2012 at the EDAS paper submission website and then selecting the workshop submission link (<http://edas.info/N11447>). All submitted papers will go through a peer review process. If accepted, the paper needs to be registered to be published in the IEEE ICC 2012 workshop proceedings. More importantly, one registered paper needs to be presented on site to be included at IEEE Xplore.

### Important Dates

Manuscript submission (firm deadline): **January 7, 2012 (23:59:00 EST)**

Acceptance Notification: **February 19, 2012**

Camera-ready Paper: **March 1, 2012**

### Workshop co-Chairs

[Dr. Periklis Chatzimisios](mailto:pchatzimisios@ieee.org), Department of Informatics, Alexander TEI of Thessaloniki, Greece ([pchatzimisios@ieee.org](mailto:pchatzimisios@ieee.org))

[Prof. Tasos Dagiuklas](mailto:ntan@teimes.gr), Dept. of Telecommunication Systems and Networks, TEI of Mesolonghi, Greece ([ntan@teimes.gr](mailto:ntan@teimes.gr))

[Prof. Jonathan Rodriguez](mailto:jonathan@av.it.pt), Instituto de Telecomunicações, Portugal ([jonathan@av.it.pt](mailto:jonathan@av.it.pt))

[Prof. Andreas J. Kassler](mailto:kassler@ieee.org), Department of Computer Science, Karlstad University, Sweden ([kassler@ieee.org](mailto:kassler@ieee.org))