

CALL FOR PAPERS

International Workshop on Mobility Aware Architecture, Protocol, and Service for Future Internet 2014

Shanghai, China, 13–15 October, 2014

Efforts for mobility support have mostly focused on enabling seamless handovers of a mobile device for cellular networks and recently for the Internet. Significant achievements were made for the traditional mobility support but new network initiatives such as Cloud Computing, Internet of Things, and Information Centric Networking are emerging that all require mobility aware design and development for architecture, protocol, and service. Continued efforts for mobility support must progress so that such network initiatives are successfully arrived safe. For the 3GPP evolved packet core, developments of the distributed IP mobility aware architecture and protocol are urgent while network functions virtualization with mobility support is being considered as a cost effective strategy for building the next generation cellular network integrated with the Internet. Communications of things also require mobility support as the things are moving devices themselves or devices attached to human beings. Mobility support is even one of core research issues in Information Centric Networking and yet small steps were made toward an envisioned content distribution architecture.

The purpose of this workshop is to bring together the academia and industry working on different aspects but related to mobility aware computing to highlight the state-of-art research on mobility support for Future Internet, exchange ideas, and explore new directions. Research results containing detailed descriptions of architecture and protocol operations for mobility support in Future Internet are highly welcome.

The workshop will be a half-day workshop in conjunction with the third IEEE/CIC International Conference on Communications in China (ICCC 2014), Shanghai, China, 13–15 October, 2014.

Topics of Interest:

- Distributed IP mobility aware architecture and protocol for the 3GPP evolved packet core
- Mobility aware network functions virtualization for the 3GPP evolved packet core
- Mobility aware architecture, protocol, and service for Internet of Things/Everything
- Mobility aware architecture, protocol, and service for Information Centric Networking
- Mobility modeling of human, sensor, and device
- Security design and operation for mobility aware architecture, protocol, and service
- Performance modeling and analysis of mobility aware architecture, protocol, and service

Submission Guidelines: Prospective authors are invited to submit original papers by the deadline of 10th July 2014. All submissions written in English with most six (6) printed pages in length are required to be submitted through EDAS: <http://edas.info/N18001>. The paper template is available at <http://www.ieee.org/web/publications/pubservices/confpub/AuthorTools/conferenceTemplates.html> Accepted and presented papers at the workshop will be included in the IEEE Digital Library and invited to submit the extended papers for possible publication in journal special issues.

Important Dates:

- Paper Submission: 10 July, 2014
- Acceptance Notification: 15 August, 2014
- Final Paper: 31 August, 2014
- Workshop Date: One of the conference days (13–15 October, 2014)

Workshop Co-chairs:

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Workshop Steering Chairs:

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