

Preliminary Call for Papers: MobiArch 2006 – First IEEE International Workshop on Mobility in the Evolving Internet Architecture

One-day Workshop in conjunction with the [IEEE GLOBECOM 2006](#), November 27-December 1, 2006. [Fairmont Hotel San Francisco, San Francisco, California, USA.](#)

MobiArch'06 Workshop Webpage

<http://user.informatik.uni-goettingen.de/~mobiarch>

Important Dates

- **Submission Deadline:** Monday, July 24, 2006
- **Acceptance Notification:** August 31, 2006
- **Camera-ready version due:** September 27, 2006
- **Workshop:** One-day in GLOBECOM 2006 (to be announced)
- **GLOBECOM Main Conference:** November 27-December 1, 2006

Keynote Speakers

- **Charles Perkins**, Nokia Research Center (US)
- **Henning Schulzrinne**, Columbia University (US) – TBD, depending on the workshop date

GENERAL CHAIR

- **Jon Crowcroft**, University of Cambridge (UK)

PROGRAM CO-CHAIRS

- **Xiaoming Fu**, University of Goettingen (DE)
- **Katherine Guo**, Bell Labs (USA)

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- **Charles Perkins**, Nokia Research Center (US)
- **Christian Prehofer**, DoCoMo Euro-Labs (DE)
- **Henning Schulzrinne**, Columbia U. (US)
- **Hannes Tschofenig**, Siemens (DE)
- **Yabin Ye**, Create-Net (IT)
- **Zhi-Li Zhang**, U. Minnesota (US)
- **Taieb Znati**, U. Pittsburgh/NSF (US)

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CALL FOR PAPERS

With the recent development of technologies in wireless access and mobile devices, terminal and network mobility have become an indispensable component of today's Internet vision, and this is likely to continue in the near future, while affecting the way of the whole Internet architecture design. Yet, issues like efficient mobility management and optimizations, locator-identifier split, multi-homing, security and related operational/deployment concerns are still in their early stages of development. Moreover, the Internet architecture, its end-to-end principles and business models will require rethinking due to the massive penetration of mobility into the Internet.

The MobiArch'06 workshop solicits papers, both from researchers and practitioners, dealing with architectures, protocols, and experiences with emerging technologies on mobility support in the Internet, with an emphasis on new mobility protocols, mobility and location management, mobile network performance, multi-homing, security, architectural impacts and deployment considerations.

The workshop will include presentations and discussions of accepted technical papers, as well as invited talks and panel sessions.

TOPICS

Contributions are solicited in all aspects of architectural issues and system support for mobility in the Internet, including but not limited to:

- Mobility impact on the Internet architecture
- Architectures and protocols for mobility support in the Internet, ranging from approaches in link layer, network, transport to session/application layers and cross-layer design
- Locator/identifier split, multihoming and load sharing issues
- Security and privacy issues in mobility networks and impacts to Internet architecture
- QoS and middlebox issues in mobility networks and impacts to Internet architecture
- Economic and deployment issues of mobility infrastructure designs

Submission guidelines see workshop webpage:

- <http://user.informatik.uni-goettingen.de/~mobiarch>