



MobiArch 2007

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Information Society
Technologies



WEBPAGE

<http://user.cs.uni-goettingen.de/~mobiarch/2007>

IMPORTANT DATES (extended and final)

- **Registration of abstract:** March 27, 2007
- **Full paper submission:** April 3, 2007
- **Acceptance notification:** May 22, 2007

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CALL FOR PAPERS

With the recent development of technologies in wireless access and mobile devices, user, terminal, and network mobility has become an indispensable component of today's Internet vision, and it is likely to continue in the near future, while affecting the whole architectural design of the future Internet. Yet, issues like efficient mobility management and optimization, locator-identifier split, multihoming, security, and related operational 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.

MobiArch'07 welcomes original submissions - following the workshop guidelines - in exploration of recent advances in architectures, protocols, and experiences with emerging technologies on wireless and mobility over the Internet. Accepted papers will be published by the ACM and ACM Digital Library.

TOPICS

- Impacts of new wireless technologies, services & mobility patterns on the Internet architecture
- Architectures and protocols for mobility support in the Internet, ranging from approaches in link, network, transport to session/application layers & cross-layer design
- Location management, positioning and data management systems for wireless and mobility
- Routing, addressing, and locator/identifier split issues and impacts to the Internet architecture
- IP multihoming including flow distribution and load sharing for wireless and mobility
- Performance evaluation, experimentation and modeling of mobility in the Internet
- Accounting, access control, security, privacy issues & impacts to Internet architecture
- Economic, scalability and deployment issues of mobility infrastructure design
- Connecting users from developing regions