



Call for Papers – IP Mobility 2003
First IEEE VTC Symposium on IP Mobility
October 4-9, 2003 Orlando, FL, USA

in Conjunction with IEEE VTC 2003
Submission Deadline: February 15, 2003

Organization

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Scope

Mobility support in IP network has been an area of active research and development. The impacts of mobility and wireless medium at all layers of Internet architecture have generated wide range of interest in the research community. IETF has been working on standardizing protocols for inter-domain and intra-domain mobility, context transfer, routing for network mobility and ad-hoc networks. This symposium is aimed at providing researchers and practitioners a forum for presenting their research at all layers of Internet architecture and sharing experiences. It will provide a unique opportunity to people from academia and industry to exchange their ideas on short-term and long-term research issues. The theme of this symposium is **Support for Network Mobility**. The outcome of the symposium is expected to present a view on how close to reality is IP Mobility and set a direction for research to deal with emerging issues. The papers must discuss issues and solutions related to support for wireless medium and mobility in IP network. The symposium solicits papers related to but not limited to the following areas:

- Routing for host (e.g. terminals) and network (e.g. trains, buses) mobility, protocols and performance
- New approaches to wide-area and local mobility
- Quality of Service models, resource management, and provisioning
- Traffic Engineering in mobile wireless IP access networks
- Transport protocol design for mobile wireless networks
- Security including security threat models, threat analysis and their impact on routing
- Application level protocol design and performance
- Mobile and wireless applications, their service requirements and performance
- Content delivery support in IP network for mobile users
- Multicasting for mobile wireless services
- Emerging network architectures (e.g. multi-hop ad-hoc network, sensor network)
- Internetworking of different network types (e.g. ad-hoc to cellular, wireless LAN to cellular)
- Inter-vehicular network architecture
- Mobile wireless IP access network deployment and management

Posters are also solicited on the projects related to the symposium theme.

Submission Instructions

Authors MUST submit an extended abstract (up to 2 pages) through the EDAS web site (<http://www.edas.info/>), together with a short abstract (approximately 150 words) in the [EDAS web site form](http://www.edas.info/). Please note that the potential authors should create their own accounts in the EDAS web site (<http://www.edas.info/>) before submitting paper(s). Although either MS Word or PDF file format is acceptable when submitting the extended abstracts, it is strongly suggested that authors should submit papers using PDF format. The submission(s) should include complete contact information of the author(s), such as the name, mailing address, telephone and fax numbers, and email address. All submitted papers are subject to peer review. Submissions can also be made using the links of call for technical papers in the conference web site: <http://www.vtc2003.org/>.

Important Dates

Extended Abstract Due: February 15, 2003

Acceptance Notification: April 15, 2003

Camera Ready Copy of Full Paper Due: July 15, 2003

Symposium Date: October 4, 2003