



Call for Papers

# MobiHoc 2005

## The Sixth ACM International Symposium on Mobile Ad Hoc Networking and Computing

May 25-28, 2005, Urbana-Champaign, Illinois, USA

<http://www.sigmobile.org/mobihoc/2005/>

Sponsored by ACM SIGMOBILE



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ACM MobiHoc is the premier international meeting dedicated to addressing challenges emerging from wireless ad hoc networking and computing. Due to the growing interest in the field this year's symposium will have an expanded format that will include a highly selective, **dual-track** technical program for the first time, as well as hands-on research demonstrations, keynote, panel, and tutorials.

We invite paper, poster, and demonstration submissions on mobile ad hoc networks, wireless sensor networks, and ad hoc computing systems, with the focus being on issues at and above the MAC layer. Areas of interest include, but are not limited to

- Applications, operating system, and middleware support
- Analysis and design of transport, network, and MAC protocols
- Energy-efficient algorithms
- Location discovery and management techniques
- Network scaling and limits
- Measurements and practical experience from experimental systems and testbeds
- Cross layer design
- Network resilience, fault-tolerance, and reliability
- Security and defense issues
- In-network processing, aggregation and data dissemination
- Distributed actuation, control, and coordination
- Modeling, performance evaluation, and QoS issues

**PAPERS:** Papers must report new results substantiated by experimentation, simulation, or analysis. All submissions will be handled electronically and must be in PDF format. Papers must not exceed 12 pages (US letter size, 8.5x11 inches) including text, figures and references. The font size must be at least 10 points. Accepted papers will be published in the symposium proceedings. All submitted papers are judged based on their quality through double-blind reviewing, where the identities of the authors are withheld from the reviewers. Authors' names must not appear in the paper or in the PDF file. Submitted papers must not be currently under review for any other publication. Instructions on paper submission and formatting are available on the symposium webpage. Please direct any questions about the paper submission process to the Program Co-Chairs.

**POSTERS:** Posters presenting early work and preliminary results are solicited. The poster session will provide an excellent opportunity for initial feedback on early research results. Poster descriptions of no more than 3 pages (US letter size 8.5x11 inches) using font size 10 should be submitted to the Poster Co-Chairs before April 1, 2005. Please include the words "Poster Abstract:" to precede the title on the cover page. A selected subset of poster abstracts will be published in ACM Mobile Computing and Communications Review.

**DEMOS:** Technical demonstration of experimental ad hoc networking and computing systems are solicited. One-page demo descriptions, including a list of any required supporting equipment, should be sent to the Demo Chair before April 15, 2005.

**TUTORIALS:** Proposals for tutorials are solicited. Evaluation of proposals will be based on the expertise and experience of the instructors, and on the relevance of the subject matter. Potential instructors are requested to submit a tutorial proposal of at most 5 pages, including a biographical sketch, to the Tutorial Co-Chairs before January 15, 2005.

**PANELS:** Panels are solicited that examine innovative, controversial, or otherwise provocative issues of interest. Panel proposals should not exceed 2 pages, including biographical sketches of the panelists. Potential panel organizers should contact the General Chair before Dec. 15, 2004.

**IMPORTANT DATES:** Paper registration: **December 13, 2004 (5 PM US EST)**  
Paper submission: **December 20, 2004 (5 PM US EST)**  
Notification of acceptance: **March 27, 2005**  
Camera-ready version due: **April 10, 2005**

For more information contact the General Chair P. R. Kumar or consult the symposium webpage <http://www.sigmobile.org/mobihoc/2005/>