

Call for Papers

2. German Workshop on Mobile Ad-hoc Networks



Co-located with the conference 'Informatik 2004 - Informatik verbindet' Annual Meeting of the German Association for Computer Science (GI)

Introduction

In 2002 the '1st German Workshop on Mobile Ad-hoc Networks – WMAN 2004' was held at the University of Ulm. Due to the highly positive response and the request of many participants to continue this event in future years, there will be a WMAN 2004 workshop co-located with the conference 'Informatik 2004 – Informatik verbindet', the annual meeting of the German Association for Computer Science (GI).

Today, Mobile Ad-hoc Networks are surely one of the most active research areas related to wireless data communications. Although the idea of an infrastructure-less networking of mobile devices dates back until the seventies, it is not until now that the technological foundation for realizing such networks is available at a larger scale. Besides the fundamental organization of the routing process, Mobile Ad-hoc Networks raise a number of questions in areas like autoconfiguration, security or efficient use of resources. Due to the restricted resources of small mobile devices, the lack of central administration and the extremely dynamic nature of Ad-hoc Networks, it is not possible to simply transfer existing solutions that exist for wired networks.

Topics of the Workshop

The workshop tries to cover the whole range of Mobile Ad-hoc Networks, starting with the underlying radio technologies up to questions related to applications in such networks. Possible topics include, but are not restricted to:

- Basic technologies and their suitability for Ad-hoc Networks (802.11, Bluetooth, etc.)
- Routing Mechanisms
- Scalability and Simulations
- Quality of Service in Ad-hoc Networks
- Autoconfiguration and Gatewaying with the Internet
- Security in Ad-hoc Networks
- Localization and Privacy
- Energy Management
- Software Platforms (Middleware) for Applications in Mobile Ad-hoc Networks

- New Applications for Mobile Ad-hoc Networks
- Location-based Services in Mobile Ad-hoc Networks

Intended Audience of the Workshop

It is the goal of this workshop, to bring together researchers and developers working in this area and to enable them to share ideas and opinions. This workshop tries to offer a platform for presenting own results and projects and to develop new ideas for future research activities. At the same time, the workshop will offer participants from industry the chance to inform themselves about the current state of research to Ad-hoc Networks.

Submissions may either cover completed research work or address new problems or projects.

Important Information

The workshop will be co-located with the annual meeting of the German Association for Computer Science (GI) 'Informatik 2004 – Informatik verbindet' which is held from 20.9. to 24.9.2004 in Ulm, Germany. More information regarding this conference can be found at <http://www.informatik2004.de/>.

The workshop is scheduled for Monday, 20.9.2004 from 9:00 to 17:30.

Please comply with the following deadlines:

Submission of contributions:	30. April 2004
Notification about acceptance/rejection:	28. Mai 2004
Submissions of final version of accepted papers:	30. June 2004

Accepted submissions will be published as part of the conference proceedings of 'Informatik 2004' in the series 'Lecture Notes in Informatics' of the GI. Therefore submissions must comply with the author guidelines of the series. Additional information and style templates are available at <http://www.gi-ev.de/LNI/>. Maximum length of submissions is 5 pages. Please email your submissions in PDF format to frank.kargl@informatik.uni-ulm.de.

Please include a short CV of the authors. Submissions are possible either in German or English. The usual conference language is German.

Workshop Chairs

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