Highlights:

- The event is endorsed by the European Alliance for Innovation, a leading community-based organisation devoted to the advancement of innovation in the field of ICT;

- All accepted papers will be published by Springer and made available through SpringerLink Digital Library, one of the world's largest scientific libraries;

- Proceedings will be submitted for indexing by Google Scholar, ISI, EI Compendex, Scopus and many more.

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IMPORTANT DATES

Paper submission due: ~~June 1, 2012~~ **July 1st, 2012**
Notification of acceptance: Aug. 15, 2012
Final manuscripts due: Sept. 15, 2012

Scope: Ad hoc networks, which cover a variety of network paradigms for specific purposes, such as mobile ad hoc networks, sensor networks, vehicular networks, underwater networks, underground networks, personal area networks, and home networks, promise a broad range of applications in civilian, commercial, and military areas. The aim of the annual International Conference on Ad Hoc Networks (AdHocNets) is to provide a forum that brings together researchers from academia as well as practitioners from industry to meet and exchange ideas and recent research work on all aspects of ad hoc networks. Following the success of AdHocNets'09, AdHocNets'10, and AdHocNets'11, the fourth edition of the event, AdHocNets'12, will be held in Paris, France, on Oct. 15-17, 2012. The conference will consist of keynote talks, technical sessions, and workshops. The technical sessions will present original and fundamental research advances while the workshops will focus on development and application issues in this hot field.

Topics: The conference solicits original technical papers that were not previously published and are not currently under review for publication elsewhere. Topics of interest include but are not limited to:

- Mobile ad hoc networks
- Sensor networks
- Vehicular networks
- Underwater networks
- Underground networks
- Local area networks
- Personal area networks
- Body area networks
- Home networks
- Network architectural design
- Network protocol design
- Cross-layer design
- MAC, routing, and transport protocols
- Resource allocation and management
- Network control and management
- Power control and management
- Topology control and management
- Quality of service provisioning
- OFDM
- MIMO and distributed MIMO
- Service discovery
- Ranging and node localization
- Data fusion
- Time synchronization
- Network scalability and capacity
- Reliability and fault tolerance
- Security and privacy
- Random networks and percolation
- Applications of ad hoc networks
- Performance modeling and analysis

Workshops proposals: We solicit workshop proposals on hot and controversial topics in ad hoc networks. Workshop proposals should be submitted to the workshop co-chairs.
Please visit the conference website for detailed instructions

Paper submission: Please visit the conference website for detailed instructions.

Conference organizing committee

General Chair
Pascal Lorenz, University of Haute Alsace, France
TPC Co-Chairs
Jun Zheng, Southeast University, China
Nathalie Mitton, INRIA Research Center, France
Workshop Co-Chairs
Marcelo Dias de Amorim, CNRS and UPMC Sorbonne Universities, France
Miguel Mitre Elias Campista, Universidade Federal do Rio de Janeiro, Brazil
Publication Chair
Jun Li, Canada Research Center, Canada
Publicity Co-Chairs
Melike Erol-Kantarci, University of Ottawa, Canada
Marwan Fayed, University of Stirling, UK
Conference Coordinator
Erica Polini, European Alliance for Innovation
Local Arrangement Co-Chairs
Claude Chaudet, Institut Télécom, Télécom Paristech, France
Hakima Chaouchi, Institut Télécom, Télécom Sud Paris, France
Steering Committee
Imrich Chlamtac (Chair), Create-Net, Italy
Jun Zheng (Co-Chair), Southeast University, China
Shiwen Mao, Auburn University, USA

About EAI

The European Alliance for Innovation is a dynamic eco-system for fostering ICT enabled innovation to improve European competitiveness and to benefit society. EAI uses open e-platforms to inspire grassroots collaboration among all relevant actors, from organizations to individuals, to stimulate community driven innovation to its institutional and individual members worldwide. Join the innovation community at www.eai.eu