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Important dates

Submission: Aug. 15th, 2011

Notification: Nov. 30th, 2011

Camera Read: Jan. 31st, 2012

Call for Papers

A Special Issue of Ad Hoc Networks on “SCEnarios for ad hoc Network Evaluation Studies (SCENES)”

For the reliable performance evaluation of protocols, systems and algorithms in ad hoc, sensor, and mesh networks, realistic models and credible simulation scenarios are crucial. It has been shown that simplistic models for mobility, traffic, and/or signal propagation yield results that are not accurate. To increase the credibility of our models, traces from specific scenarios need to be acquired and used in the development and validation of realistic scenario models.

This special issue intends to disseminate the latest research results in this important research area, by providing an overview of the current state-of-the-art scenario models and methodologies for model validation and credible performance evaluation for ad hoc networks. To this purpose, we are seeking high-quality papers reporting original research results.



About the Topics of Interest

In particular, the topic of interest includes but is not limited to

- **Classification of scenarios**
- **Challenges in trace acquisition**
- **Tools for mobility, traffic and propagation modeling**
- **Methods in localization and tracking to acquire accurate movement traces**
- **Movement trace measurement architectures**
- **Characterization of movement traces**
- **Mobility modeling**
- **Validation of mobility models**
- **Traffic measurement, traffic characterization, traffic modeling**
- **Combined mobility and traffic modeling**
- **Characterization of signal propagation**
- **Propagation modeling**
- **Impact of mobility on radio characterization**
- **Impact of scenario modeling on performance**

Submission Format and Guideline

All submitted papers must be clearly written in excellent English and contain only original work, which has not been published by or is currently under review for any other journal or conference. Papers must not exceed 25 pages (one-column, at least 11pt fonts) including figures, tables, and references. A detailed submission guideline is available as “Guide to Authors” at www.elsevier.com/locate/adhoc.

All manuscripts and any supplementary material should be submitted through Elsevier Editorial System (EES). The authors must select as “**SI – SCENES**” when they reach the “Article Type” step in the submission process. The EES website is located at: <http://ees.elsevier.com/adhoc/>

All papers will be peer-reviewed by three independent reviewers. Requests for additional information should be addressed to the guest editors.