



NSTOOLS 2009

CREATE-NET



Call for Papers

International Workshop on Network Simulation Tools

Pisa, Italy / October 19, 2009

<http://www.nstools.org/>

Submission Deadline -- June 10, 2009

The Network Simulation Tools Workshop (NSTools) is a one-day event held in conjunction with the Fourth International Conference on Performance Evaluation Methodologies and Tools (VALUETOOLS'09), which will be held in Pisa, Italy, on October 19, 2009.

SCOPE

Simulation tools have been widely used in the Networking community. Some simulators have gained big popularity and are used as a validation of analytical results and proposed protocols. A lot of research is based on the validity of these simulation tools.

In order to improve credibility on simulations results it is important that the networking community that uses simulation discusses and applies some rules that allow repeatability and accuracy.

The aim of this Network Simulation Tools workshop is to bring together academic and industry researchers from the communities of Networking, Simulation and Statistics to discuss current and future trends in network simulation.

The workshop is interested in particular in open-source simulators such as NS2 and NS3, which have been in the center of the previous workshops (WNS2 2006, NSTools 2007, WNS2 2008), as well as Omnet++.

PAPERS

This workshop does NOT focus on network research results based on the USE of simulation tools: we are looking for original contributions on the design, validation and performance evaluation of the tools themselves.

The following topics are of particular interest:

Development of new simulation environments:

- New network simulators.
- Experimental test-beds for simulation validation.
- Integrating post-processing and statistical analysis in simulators.
- Large-scale network simulations.
- Simulation accuracy evaluations.
- Statistical analysis tools.

Others topics:

- Comparison of network simulators.
- Interaction between simulation environments.
- Frameworks for improving accuracy and reproducibility of simulations.
- Validation of simulators behaviour with experimentation and real data from implementations.

IMPORTANT DATES

Full Papers due: June 10, 2009

Notification of Acceptance: July 10, 2009

Camera-ready Manuscripts due: July 25, 2009

Conference Date: October 19, 2009

SUBMISSION INSTRUCTIONS

Conference language is English. Prospective authors are encouraged to submit a PDF version of the full paper

in the ACM conference proceedings format, which are limited to 10 two-column pages in a font no smaller than 10-points. Submitted papers should be uploaded through the Easychair conference management system.

PUBLICATION

All submitted papers will go through a peer review process. All accepted papers will be made available in Association for Computing Machinery (ACM) Digital Library.

WORKSHOP CHAIR

Tania Jimenez, Univ. of Avignon, France

TECHNICAL PROGRAM COMMITTEE

(To be completed)

Ahmad Al Hanbali, Univ. of Twente, Holland

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