

# INTERNET NETWORK MANAGEMENT WORKSHOP

OCTOBER 19, 2008 ORLANDO, FLORIDA

CO-LOCATED WITH ICNP 2008

## Call for Papers

In many ways, computer network management remains the least understood aspect of computer networking. There is a lack of well-established principles for guiding the design of networks for manageability. There is also a lack of scientific theories for analyzing the state of a network and for the evolution of network state.

The Internet Network Management (INM) workshop provides an opportunity to elevate participants' collective experience with IP networks into ideas, principles, and theories that can be leveraged in today's networks, or can be carried forward into the clean-slate design of future networks that intrinsically support management, rather than treating management as a bolted-on afterthought.

The INM workshop seeks original and thought provoking ideas, case studies, experimental results, position papers, and clean-slate designs. Submissions concerning special-purpose networks, such as VoIP, content distribution, or mobile wireless networks are welcome. The workshop will provide a forum for the exchange of experience and work-in-progress discussions. INM'08 will take place as part of ICNP 2008 in Orlando, Florida on October 19, 2008.

## Topics of Interest

- new abstractions for network configuration management
- new control plane architectures
- data plane mechanisms to support management
- autonomous network management systems with predictive/proactive behaviors
- ensuring stability and coherent behavior in distributed and/or autonomous systems
- management of backbone, access, enterprise and home networks and network-based applications
- techniques and experiments for evaluating network management architectures
- experimental platforms that support network management research
- comparisons between IP network management and ATM, SONET, or telephony management
- defining and enforcing network borders
- automatic and adaptive control of networks
- cross-layer interactions, including IP/optical or applications/IP
- hitless planned maintenance
- fault and performance management

## Submission of Papers

Submissions must be original work not under review at any other workshop, conference, or journal. Submissions must be no greater than 6 pages in length (two-column, 10pt font) and must be a PDF file. Reviews will be single-blind: author names and affiliations should be included in the submission. Further formatting guidelines and submission instructions will be available shortly.

## Important Dates

Abstract Registration Deadline:	5:00pm EDT, June 6, 2008
Paper Submission Deadline:	5:00pm EDT, June 13, 2008
Notification of Acceptance:	August 6, 2008
Camera Ready Deadline:	September 5, 2008
Workshop Date:	October 19, 2008

For further information, visit <http://www.cs.rice.edu/~eugeneng/inm08>

The INM Workshop 2008 is sponsored by

