

**CALL FOR PAPERS**  
**WORKSHOP ON INTERNET NETWORK MANAGEMENT (INM'06)**  
**SIGCOMM 2006 - PISA, ITALY, SEPTEMBER 11**  
<http://www.research.microsoft.com/~dmaltz/inm06>

This workshop will provide an opportunity to elevate our collective experiences with IP networks into principles and ideas that can be implemented today or carried forward into the clean-slate design of new networks that intrinsically support management, rather than treating it as a bolt-on afterthought.

We seek 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, are welcomed. The workshop will provide a forum for exchange of experience, challenges, and work-in-progress discussions.

**Topics of interest include:**

- 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;
- requirements for 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 Servers/IP;
- hitless planned maintenance; and
- fault and performance management.

**Deadlines:**

*Submission Deadline:* 8 May 2006 at 11:59pm EDT

*Notification of Acceptance:* 9 June 2006

*Camera Ready Deadline:* 19 June 2006

*Workshop Date:* 11 Sept 2006

**Submission of Papers:**

Submissions should be no more than 6 pages long, two columns, and in PDF. The review process will be single-blind. Submissions must be original work not under review at any other workshop, conference, or journal.

Submission URL: <https://msrcmt.research.microsoft.com/INM2006/>

**Technical Program Committee:**

co-Chairs: Albert Greenberg, David A. Maltz, Hui Zhang

Members: Victor Bahl, Javier Baliosian, Anne-Marie Bosneag, Doug Comer, Dina Katabi, Eugene Ng, Nick Feamster, Olivier Festor, Paul Francis, Paul Gleichauf, Gisli Hjalmytsson, David Hutchison, Gianluca Iannaccone, Farnam Jahanian, Arvind Krishna, Patrick McDaniel, Gerard Parr, Francoise Sailhan, Jürgen Schönwälder, Ignacio Soto, Rolf Stadler, Nino Vidovic, Geoff Xie, Yin Zhang, Ty Znati