



## CALL FOR PAPERS



THIRD INTERNATIONAL WORKSHOP ON

### DISTRIBUTED AUTONOMOUS NETWORK MANAGEMENT SYSTEMS

CO-LOCATED WITH  
30 NOVEMBER 2008  
NEW ORLEANS, LA, USA



[www.danms.org](http://www.danms.org)

#### Workshop Chairs

- Raouf Boutaba, University of Waterloo Canada
- Rolf Stadler, KTH Sweden

#### TPC Chairs

- Brian Lee, Ericsson Ireland Research
- Gerard Parr, University of Ulster, UK

#### Organizing Team

- Sidath Handurukande, Ericsson Ireland Research
- Yangcheng Huang, Ericsson Ireland Research

#### Technical Program Committee

- Nazim Agoulmine, Uni. of Evry Val d'Essonne, France
- Pablo Arozarena, Telefónica I+D, Spain
- Javier Baliosian, Uni. of the Republic, Uruguay
- Arosha K Bandara, Open University, UK
- Saleem Bhatti, Uni. of St Andrews, UK
- Anne-Marie Bosneag, Ericsson Ireland Research
- Monica Brockmeyer, Wayne State University, USA
- Monique Calisti, Whitestein Technologies, Switzerland
- Yu Cheng, Illinois Institute of Technology, USA
- Zoran Despotovic, NTT DoCoMo Euro-Labs, Germany
- Yixin Diao, IBM T. J. Watson Research Center, USA
- Petre Dini, Cisco Systems, USA
- Simon Dobson, UCD, Ireland
- Susanne Engberg, Ericsson Research, Sweden
- Patrick Eugster, Purdue Uni., USA
- Alex Galis, University College London, UK
- Francisco J. Garcia, Agilent Labs, UK
- Sidath Handurukande, Ericsson Ireland Research
- Masum Z. Hasan, Cisco Systems, USA
- James Hong, POSTECH Korea
- Yangcheng Huang, Ericsson Ireland Research
- Thomas Magedanz, Fraunhofer FOKUS Germany
- Richard Mortier, Vipadia, UK
- Marcelo Perazolo, IBM, USA
- Aiko Pras, University of Twente, Netherlands
- Luis Rodrigues, INESC-ID/IST, Portugal
- Francoise Sailhan, LIFC Uni. of Franche Comté, France
- Richard Schlichting, AT&T Labs, USA
- Maarten van Steen, Vrije Uni., Netherlands
- Filip de Turck, Ghent University, Belgium
- Carlos Westphall, Federal Uni. of Santa Catarina, Brazil
- Martin Zach, Siemens, Austria
- Xiaoyun Zhu, Hewlett Packard Labs, USA

The DANMS workshop series focuses on distributed and autonomous principles for network management and applications of those principles in network design. This year's workshop emphasizes *Service Centric Network Management* considering the impact on the system, across the whole information flow from service creation to deployment in the network.

This workshop is looking for full papers describing original, previously unpublished research work, experimental efforts, practical experiences with existing systems and industrial developments in the field of autonomous network management. Papers with a deep focus on a specific discipline or stimulated by the synergistic interaction of diverse disciplines are encouraged.

The following is a non-exhaustive list of topics of interest:

- Architecture and Systems Topics relating to Autonomic Networks
  - Cross-layer system architecture design
  - Middleware and O&M techniques for network management
  - Resource modeling approaches for network management
  - Peer-to-peer techniques for autonomic network management
  - Scalability issues in network management
  - Security aspects in network management
- Autonomic Techniques
  - Adaptive & context-based self-management in networks
  - Policy (refinement techniques, policy models)
  - Knowledge based techniques to support autonomies
  - Data management for real-time dynamic service provisioning
  - Real-time MIB engineering to provide cross-layer provisioning
- Aspects of Service Management
  - Use of semantics to enable service deployment and composition
  - Automated service composition and orchestration
  - Automated service provisioning across multiple service providers
- Case Studies in Existing & Emerging Networks
  - Lessons, shortcomings and real world experiences with existing network management systems, protocols and architectures.
  - Experiences with service deployment in challenged networks (ad-hoc, pervasive, sensor etc.) and the implications on the network management plane

#### Instructions for Authors

Prospective authors are invited to submit original technical papers with a maximum length of five (5) printed pages (10-point font) including figures, without incurring additional page charges (maximum 1 additional page). For each accepted paper, at least one author must register and present the paper at the workshop. Full instructions regarding the submission procedure can be found at <http://www.danms.org/submission.html>.

#### Important Dates

Abstract registration deadline: 21 July, 2008  
Paper submission deadline: ~~15 July, 2008~~ 27 July, 2008  
Notification of acceptance: 15 September, 2008  
Camera-ready paper: 28 September, 2008  
Workshop: 30 November, 2008