Welcome Message from the Workshop Co-Chairs

DANMS 2011
4th IFIP/IEEE Workshop on Distributed Autonomous Network Management Systems

The Distributed Autonomous Network Management Systems 2011 (DANMS’11) workshop is part of a series of workshops dedicated to advances in network management and the application of new management principles in network design. Since its inception, this series has been supported by Ericsson and also by various European actions (e.g., Marie Curie actions, Celtic projects). The workshop has been organized by researchers in the Network Management (NM) Lab in Ericsson Ireland together with distinguish academics in the network management domain.

In the current telecommunication landscape, the appearance of new breeds of content and service providers has driven network usage, but also created huge network management problems for operators. In this context, content and service providers together with network operators provide value to the users in a “loosely collaborative” fashion. Service assurance in this loose collaborative environment is challenging, particularly in the presence of a network with limited or no guarantees. Based on this nascent ecosystem, this year’s workshop focuses on “Efficient Management of Loosely Collaborative Service Networks” where network connectivity providers, content providers and service providers come together to provide high-level services such as Over-The-Top (OTT) services to end-users in a loosely collaborative way.

For this year’s workshop program, we selected 8 papers. All the papers went through a rigorous review process by a technical program committee made up of experts in the network and service management domain; these experts were drawn from both academia and industry. In total, 21 papers were registered for DANMS’11. We received a diverse set of papers from industrial practitioners, researchers and academia. Some papers focus on niche theoretical aspects while a number of other papers describe overall systems that contribute to network/service management. We also received papers that present case studies and measurements with real networks. Every paper received at least 3 reviews and when there were significant conflicts in reviews, we considered more TPC members’ opinion. The workshop program mainly constitutes of presentations from the authors of selected papers. In addition to the selected paper presentations the program consists of two keynote speeches on network and service management.

A number of persons extended their valuable support generously to make DANMS 2011 a success. First, we like to take this opportunity to thank all the authors who submitted papers to DANMS’11, Steering Committee Members Nazim Agoulmine, Raouf Boutaba, Gabriel Hogan, Technical Program Committee members, publicity chair Yangcheng Huang, Session Chairs and all the attendees. We are also very grateful to Ericsson Ireland for sponsorship and its Network Management Lab members including Anne-Marie Bosneag and Liam Fallon for their spirited support. We also greatly appreciate the help provided by the IM 2011 Workshop and Publication Co-Chairs and Carlos Raniery Paula dos Santos for conference management system support.

We hope the DANMS 2011 workshop will provide an interesting program and an environment to network with experts and researchers who work in the domain.

Sidath Handurukande
José Neuman de Souza
DANMS 2011 Co-Chairs
Sponsors’ Logos
Committee

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