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IP Operations and Management

9th IEEE International Workshop, IPOM 2009
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Proceedings

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Preface

On behalf of the IEEE Communications Society, Technical Committee on Network Operations and Management (CNOM), Manweek 2009 Organizing Committee, and members of the IPOM Technical Program Committee, it is our pleasure to present the proceedings of the 9th IEEE Workshop on IP Operations and Management (IPOM 2009), held as part of Manweek 2009 during October 26-30, 2009, Venice, Italy.

Recently, there has been a heated discussion followed by highly ambitious, thus, high in risk, international research undertakings and programs, GENI and FIND in USA, FIRE in Europe, u-Japan in Japan to name a few, aiming at defining the Future Internet. Building on the success of the previous events, IPOM 2009 focused on network management challenges for the current Internet as well as Future Internet Design (FIND). We are particularly interested in network management issues related to virtualization, mobility, service provision, security, multimedia, wireless networking, and P2P applications. Building on the success of the previous events, we wanted IPOM 2008 to focus on network management challenges for the current Internet as well as future Internet design.

Like the previous four IPOM workshops, IPOM 2009 was co-located with several related events as part of Manweek. The other events were the 20th IFIP/IEEE International Workshop on Distributed Systems: Operations and Management (DSOM 2009), the 12th IFIP/IEEE International Conference on Management of Multimedia and Mobile Networks and Services (MMNS 2009), the 4th IEEE International Workshop on Modeling Autonomic Communications Environments (MACE 2009), and the 6th International Workshop on Next Generation Networking Middleware (NGNM 2009). Co-locating those events provided the opportunity for an exchange of ideas among separate research communities working on related topics, and also allowed participants to forge links and exploit synergies.

This workshop attracted 35 paper submissions through an open call for papers. A rigorous review process was followed with typically three reviews per paper. The Technical Program Co-chairs decided to have a strong program with single-track sessions. With this in mind, the submitted papers were discussed based on the reviews received as well their relevance to the workshop. These proceedings present 12 accepted full papers, thus, the acceptance rate is 34%. Authors of accepted papers are from 12 different countries spanning three continents; they were invited to present their work at the conference. Additionally, five papers were selected as short papers to present highly interesting work-in-progress.

We thank members of the IPOM Technical Program Committee, IPOM Steering Committee, Manweek 2009 Organizing Committee, and reviewers for their hard work that made this workshop possible. In particular, we thank Tom Pfeifer

and Alberto Gonzalez, Manweek 2009 Publications Chairs, and the Springer LNCS team for their excellent handling in the production of these proceedings.

Finally, we thank the patrons of Manweek 2009, and the TSSG for their financial and in-kind contributions to this workshop.

October 2009

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Table of Contents

Management of Quality of Service and Multimedia

Scheduling IPTV Content Pre-distribution	1
<i>Per Kreuger and Henrik Abrahamsson</i>	
VoIP Measurement Architecture Using Data Mediation	15
<i>Atsushi Kobayashi and Keisuke Ishibashi</i>	
One-Against-All Methodology for Features Selection and Classification of Internet Applications	27
<i>José Everardo Bessa Maia and Raimir Holanda Filho</i>	

Network Robustness

A Labeled Data Set for Flow-Based Intrusion Detection	39
<i>Anna Sperotto, Ramin Sadre, Frank van Vliet, and Aiko Pras</i>	
Fast Failure Detection in Multipoint Networks	51
<i>Wouter Tavernier, Dimitri Papadimitriou, Bart Puype, Didier Colle, Mario Pickavet, and Piet Demeester</i>	
Traffic Classification Based on Flow Similarity	65
<i>Jae Yoon Chung, Byungchul Park, Young J. Won, John Strassner, and James W. Hong</i>	

Management of Virtual Networks

Managing Network-Aware Grid Services on Metropolitan Scale: The SCoPE Experience	78
<i>Francesco Palmieri and Silvio Pardi</i>	
Extending Routers Utilisability and Life Cycle through Automated Configuration Management	91
<i>Francisco Rodríguez, Mickaël Hoerdt, and Laurent Mathy</i>	
Autonomic Virtual Routers for the Future Internet	104
<i>Wajdi Louati, Ines Houidi, and Djamel Zeghlache</i>	

Configuration of Network Resources and Applications

Ontological Configuration Management for Wireless Mesh Routers	116
<i>Iván Díaz, Cristian Popi, Olivier Festor, Juan Touriño, and Ramón Doallo</i>	

A Feasibility Evaluation on Name-Based Routing 130
Haesung Hwang, Shingo Ata, and Masayuki Murata

NCClient: A Python Library for NETCONF Client Applications 143
Shikhar Bhushan, Ha Manh Tran, and Jürgen Schönwälder

Short Papers

An IPsec Mediation Approach for Safe Establishment of Inter-domain
 VPNs 155
*Alexandre Matos, Fernando Matos, Paulo Simões, and
 Edmundo Monteiro*

Optical Switching Impact on TCP Throughput Limited by TCP
 Buffers 161
*Giovane C.M. Moura, Tiago Fioreze, Pieter-Tjerk de Boer, and
 Aiko Pras*

Security Considerations for Intrinsic Monitoring within IPv6
 Networks 167
Lei Shi and Alan Davy

A Methodology of Traffic Engineering to IP Backbone 173
*José E. Bessa Maia, Arnaldo N. da Silva, Jorge L.C. Silva, and
 Paulo R.F. Cunha*

A Network Optimization Model for Multi-layer IP/MPLS over
 OTN/DWDM Networks 180
Iyad Katib and Deep Medhi

Author Index 187