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Finn Arve Aagesen
Svein Johan Knapskog (Eds.)

Networked Services and Applications – Engineering, Control and Management

16th EUNICE/IFIP WG 6.6 Workshop, EUNICE 2010
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Finn Arve Aagesen
Norwegian University of Science and Technology (NTNU)
Department of Telematics
O.S. Bragstads plass 2B, 7491 Trondheim, Norway
E-mail: finnarve@item.ntnu.no

Svein Johan Knapskog
Norwegian University of Science and Technology
Centre for Quantifiable Quality of Service in Communication Systems (Q2S)
O.S. Bragstads plass 2E, 7491 Trondheim, Norway
E-mail: knapskog@q2s.ntnu.no

Preface

The EUNICE (European Network of Universities and Companies in Information and Communication technology) (http://www.eunice-forum.org) mission is to jointly develop and promote the best and most compatible standard of European higher education and professionals in ICT by increasing scientific and technical knowledge in the field of ICT and developing their applications in the economy. The EUNICE Workshop is an annual event. This year the workshop was sponsored by IFIP TC 6 WG 6.6: Management of Networks and Distributed Systems.

Eight years ago, the seventh edition of the EUNICE workshop took place in Trondheim with the topic "Adaptable Networks and Teleservices." Since then "adaptability" has become a topic which is found in most ICT conferences. The concept teleservices, which is a telecommunication domain concept from the 1980s, has been lifted out of the telecom community and is now found with new and sometimes mysterious names such as service–oriented architecture and cloud computing.

This year's workshop title, "Networked Services and Applications – Engineering, Control and Management," was more generic than the 2002 topic. Networked services and applications have developed from being important research topics within the telecom and computer network communities, respectively, to become one of the core drivers for the whole ICT domain. From being services either extending basic telephony functionality applied by telephony customers or applications used by computer professionals, common networked services and applications are now used by almost everyone related to almost every business. The impact of networked services and applications as an important part of society infrastructure is increasing. EUNICE 2010 addressed research issues of services and applications as considered through disciplines such as architecture, engineering, security, performance and dependability as well as through service and application frameworks and platforms.

After the review process, 24 papers were accepted for presentation in technical sessions. In addition, 15 posters were allocated for a poster session during the conference. Extended abstracts for six of these posters were accepted to be included in these proceedings. Every submission received at least three reviews from the members of the Technical Program Committee and/or external reviewers. Our gratitude goes to all the reviewers for their efforts.

We would like to take this opportunity to express our thanks to the technical and financial sponsors of the 16th EUNICE Workshop: Department of Telematics NTNU; Q2S - Centre for Quantifiable Quality of Service in Communication Systems at NTNU; Euro-NF, European Network of Excellence; UNINETT; IFIP TC6 WG 6.6; and Norwegian University of Science and Technology (NTNU).

June 2010   Finn Arve Aagesen
                                                                 Svein Johan Knapskog

Organization

EUNICE 2010 was co-organized by ITEM (Department of Telematics (http:// www.item.ntnu.no)) and Q2S (Centre for Quantifiable Quality of Service in Communication Systems (http:// www.q2s.ntnu.no)) at the Norwegian University of Science and Technology.

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Lill Kristiansen	Benedikt Westermann
Øivind Kure	Otto Wittner
Paul Kühn	Arne Øslebø
Xavier Lagrange	Harald Øverby
Maryline Laurent	

Invited Talks

Danilo Gligoroski: *Swiss Army Knife in Cryptography and Information Security—Cryptographic Hash Functions*
Paul Kühn: *Modeling Power Saving Strategies in ICT Systems*
Aiko Pras: *Research Challenges in Network and Service Management*
CEO Wireless Trondheim Thomas Jelle: *Wireless Trondheim Living Lab*

Technical Sponsors

Euro-NF, European Network of Excellence (http://euronf.enst.fr/en_accueil.html)
International Federation for Information Processing (IFIP) TC6 WG 6.6: Management of Networks and Distributed Systems (http://www.simpleweb.org/ifip/)

Sponsoring Institutions

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