EMERGING 2013

Foreword

The Fifth International Conference on Emerging Network Intelligence (EMERGING 2013), held between September 29 and October 3, 2013 in Porto, Portugal, continued a series of events meant to present and evaluate the advances in emerging solutions for next-generation architectures, devices, and communications protocols. Particular focus was aimed at optimization, quality, discovery, protection, and user profile requirements supported by special approaches such as network coding, configurable protocols, context-aware optimization, ambient systems, anomaly discovery, and adaptive mechanisms.

Next-generation large distributed networks and systems require substantial reconsideration of exiting 'de facto' approaches and mechanisms to sustain an increasing demand on speed, scale, bandwidth, topology and flow changes, user complex behavior, security threats, and service and user ubiquity. As a result, growing research and industrial forces are focusing on new approaches for advanced communications considering new devices and protocols, advanced discovery mechanisms, and programmability techniques to express, measure and control the service quality, security, environmental and user requirements.

We take here the opportunity to warmly thank all the members of the EMERGING 2013 Technical Program Committee, as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and efforts to contribute to EMERGING 2013. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

Also, this event could not have been a reality without the support of many individuals, organizations, and sponsors. We are grateful to the members of the EMERGING 2013 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that EMERGING 2013 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in the area of emerging network intelligence.

We are convinced that the participants found the event useful and communications very open. We hope that Porto, Portugal, provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

EMERGING 2013 Chairs:

EMERGING Advisory Chairs

Raj Jain, Washington University in St. Louis, USA
Michael D. Logothetis, University of Patras, Greece
Tulin Atmaca, IT/Telecom&Management SudParis, France
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Nuno M. Garcia, Universidade Lusófonas de Humanidades e Tecnologias, Lisboa, Portugal

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Tadashi Araragi, Nippon Telegraph and Telephone Corporation – Kyoto, Japan
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David Carrera, Barcelona Supercomputing Center (BSC) / Universitat Politecnica de Catalunya (UPC), Spain
Daniel Scheibli, SAP Research, Germany