

EMERGING 2011

Foreword

The Third International Conference on Emerging Network Intelligence [EMERGING 2011], held between November 20 and 25, 2011 in Lisbon, Portugal, constituted a stage 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 2011 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 2011. 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 2011 organizing committee for their help in handling the logistics and for their work to make this professional meeting a success.

We hope that EMERGING 2011 was a successful international forum for the exchange of ideas and results between academia and industry and for the promotion of progress in emerging network intelligence.

We are convinced that the participants found the event useful and communications very open. We also hope the attendees enjoyed the historic charm of Lisbon, Portugal.

EMERGING 2011 Chairs:

Tadashi Araragi
Tulin Atmaca
David Carrera
Robert Foster
Nuno M. Garcia
Raj Jain
Michael D. Logothetis
Krishna Murthy
Daniel Scheibli
Phuoc Tran-Gia