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NETWORKING 2012

11th International IFIP TC 6 Networking Conference
Prague, Czech Republic, May 21-25, 2012
Proceedings, Part II

 Springer

Message from the General Chairs

It is our honor and pleasure to welcome you to the proceedings of the 2012 IFIP Networking Conference. This was the 11th edition of what is considered to be one of the best international conferences in computer communications and networks.

The objective of this edition of IFIP Networking was to attract innovative research works in the areas of network architecture, applications and services, wireless and sensor networks and network science. This goal was more than achieved and we would especially like to thank the Technical Program Committee Co-chairs, Joerg Widmer, Li Erran Li and Hao Yin, who efficiently organized the review of around 230 submissions and composed an outstanding technical program. The selected 64 high-quality papers were arranged into two parallel tracks.

The conference was also greatly honored by hosting the 40th IFIP TC6 Anniversary event. Some of the most prestigious networking scientists on the planet addressed the event: Vint Cerf (over video), Jon Crowcroft and Louis Pouzin, joined by the rising stars of the networking research community: Adam Dunkels, Dina Katabi and Pablo Rodriguez Rodriguez. We would like to express our gratitude to all of them for accepting the invitation; their presence was a privilege to all attendees.

This latest conference edition took place in Prague, Czech Republic, at one of the oldest technical universities in Central Europe, at the Czech Technical University in Prague (CTU). Many of the attendees also took time to enjoy Prague and visit its major cultural monuments.

All this would have not been possible without the hard and enthusiastic work of a number of people who contributed to making Networking 2012 a successful conference. We would like to thank all of them, from the Technical Program Committee Chairs and members, across the Publication and Workshop Chairs and the Organizing Committee to the authors and CTU staff that helped with the local matters. Great thanks also go to the Steering Committee of Networking, to all the members of the IFIP-TC6 for their support and especially to Gunnar Karlsson, Guy Leduc, Peter Radford and Otto Spaniol for helping organize the 40th IFIP TC6 Anniversary event.

Last but not least, we would very much like to encourage current and future authors to continue working in this exciting direction of research and participate in forums similar to this conference to promote explorative engineering and exchange of scientific knowledge and experience.

May 2012

Robert Bestak
Lukas Kencl

Technical Program Chairs' Message

It is a great pleasure to welcome you to the proceedings of Networking 2012. Networking 2012 was the 11th event of the series of International Conferences on Networking, sponsored by the IFIP Technical Committee on Communication System (TC 6), and this year hosted by the Czech Technical University in Prague.

We would like to thank all authors for the high number of submissions the conference received this year. The 225 submitted papers were distributed over the areas of network architecture (37%), network science (21.5%), applications and services (21%), and wireless and sensor networks (20.5%) and came from Europe, Middle East, Africa (58.3%), Asia/Pacific (26.4%), United States and Canada (12%), and Latin America (3.3%). With so many good papers to choose from, the task of the Technical Program Committee (TPC) of selecting the final technical program was not easy. The TPC was formed by 128 researchers from 25 different countries. In addition, 149 reviewers helped to provide further reviews. All papers underwent a thorough review process, with each paper receiving between three and five reviews as well as a meta-review that summed up the online discussion of the paper. After careful consideration, 64 papers were selected for the technical program, resulting in an overall acceptance rate of 28%.

We would like to express our thanks to the members of the TPC and the additional reviewers for all their hard work that made Networking 2012 possible. We would further like to thank the General Chairs, Robert Bestak and Lukas Kencl, for their support throughout the whole review process, and the Steering Committee Chair, Guy Leduc, for his invaluable advice and encouragement. Last not least, we would like to thank all participants for attending the conference.

Li Erran Li
Joerg Widmer
Hao Yin

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