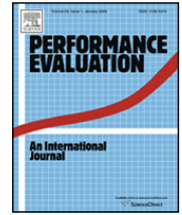




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Editorial

Message from the program chairs

This special issue of Performance Evaluation contains part of the proceedings of IFIP Performance 2011, which took place in Amsterdam, The Netherlands on October 18–20, 2011. Performance is the flagship conference of IFIP's Working Group (WG) 7.3 and as such provides a leading international forum for high-quality research on the modeling, analysis, simulation, and evaluation of computer systems and communication networks.

This year, two types of papers were submitted – Regular Papers and Short Papers (Short Papers allow authors to summarize very recent research results, including work in progress, or to discuss results that do not require a full paper submission). We received 99 Regular Paper and 50 Short Paper submissions. A total of 444 reviews were received during the reviewing period. Most of the reviews came from our 50 Technical Program Committee members and about 40 reviews were provided by expert external reviewers. Following a very active online discussion phase, the Technical Program Committee meeting took place in Paris on June 24, 2011. As a result of this meeting, 20 Regular Papers and 14 Short Papers were selected for presentation during the conference, representing acceptance rates of 20% and 28%, respectively. Additional 11 papers have been presented in the conference's poster session. Award selections were handled by a subset of the Technical Program Committee, with the awards announced at the conference itself.

This special issue includes 18 Regular Papers. A corresponding special issue of Performance Evaluation Review (PER) includes two additional Regular Papers, all the Short Papers, and all the poster abstracts. We are extremely pleased with the strong technical program of the conference, represented by the papers in these special issues. The conference program covers a wide range of topics, including computer networks, energy management, Web-based systems, storage devices, wireless networks, performance modeling techniques, queuing and scheduling theory, simulation methodology, and stochastic networks.

We would like to thank many people who contributed to the success of Performance 2011: Rob van der Mei and Bert Zwart who provided leadership and direction as General Chairs; members of steering committee and, in particular, Philippe Nain who provided valuable advice on behalf of IFIP WG 7.3; Martijn Onderwater who has been the Webmaster; and Hanan Shpungin who has been the Publicity Chair. We owe special thanks to Marko Boon who as Publications Chair tirelessly took care of various aspects related to EDAS and the proceedings production. We also gratefully acknowledge the sponsoring organizations. Finally, we would like to thank the Technical Program Committee members and external reviewers for the time and effort that they have put into the paper selection process. These efforts make this wonderful conference possible.

We hope you enjoy Performance 2011!

Philippe Robert (INRIA)
 Gil Zussman (Columbia University)
 IFIP Performance 2011 Technical Program Committee Chairs

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Philippe Robert
INRIA, France
E-mail address: Philippe.Robert@inria.fr.

Gil Zussman
Columbia University, New York, NY, United States
E-mail address: gil@ee.columbia.edu.

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