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Measurement, Modelling, and Evaluation of Computing Systems and Dependability and Fault Tolerance

15th International GI/ITG Conference, MMB&DFT 2010
Essen, Germany, March 15-17, 2010
Proceedings

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Preface

This volume contains the papers presented at the International GI/ITG Conference on “Measurement, Modelling and Evaluation of Computing Systems” and “Dependability and Fault Tolerance,” held during March 15–17, 2010 in Essen, Germany, hosted by the University of Duisburg-Essen. The Technical Committees of MMB and DFT cover all aspects of performance and dependability evaluation of systems including networks, computer architectures, distributed systems, software, fault-tolerant and secure systems. In 2010, both committees joined forces in a common conference MMB & DFT 2010. This current conference was the 15th in a series of biannual conferences, initially started in 1981, with previous editions in Aachen, Dresden, Nuremberg and Dortmund.

MMB & DFT 2010 received 42 submissions (37 regular papers and 5 tool descriptions) by authors from 15 different countries. Each regular paper was reviewed by at least three (and up to five) Program Committee members and external reviewers; tool papers were reviewed by two reviewers. In total we received 158 reviews and the Program Committee decided to accept 19 full papers and 5 tool papers.

The program was completed by two invited talks and we were happy that Phil Koopman from Carnegie Mellon University and Paul Kühn from the University of Stuttgart accepted to give an invited talk at the conference.

We are grateful to all those involved in organizing the conference, to the speakers and the attendees of MMB & DFT 2010. Our deepest thanks go to the many Program Committee members and the external reviewers for their very thorough and diligent opinions contributing to the high scientific standard of the MMB conference series. We also appreciate the support of EasyChair for managing the processes of submission, reviewing and preparing the production of the proceedings.

January 2010

Bruno Müller-Clostermann
Klaus Echtele
Erwin Rathgeb

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MMB & DFT 2010 was organized by the Institute of Computer Science and Business Information Systems, University of Duisburg-Essen, Germany.

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