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# Testing of Communicating Systems

17th IFIP TC6/WG 6.1 International Conference  
TestCom 2005  
Montreal, Canada, May 31 – June 2, 2005  
Proceedings



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# Preface

This volume contains the proceedings of the 17th IFIP TC6/WG6.1 International Conference on Testing of Communicating Systems (TestCom 2005). The conference was held at Concordia University, Montréal, Canada, from May 31 to June 2, 2005. TestCom 2005 was organized by Concordia University and was sponsored by IFIP.

Following the trends initiated at the 16th edition of the conference held in Oxford, UK, the first call for papers issued in summer 2004 called for contributions from the general software testing community. The goal of the conference this year was to continue the broadening of the subject. The theme of the conference this year is “Meeting Software Testing.” In response to the call for papers, we received 62 abstracts. Out of these abstracts, 53 turned into paper submissions. Each of these submissions was evaluated by at least 3 reviewers from the Technical Programme Committee, with the help of additional co-reviewers when needed. The Programme Committee meeting was held online from January 18 to January 30, 2005. Out of the 53 submitted papers, the Programme Committee selected 24 papers covering the traditional topics of TestCom, such as EFSM/FSM model-based testing, and also papers on general software testing reflecting the new trends in the conference.

We are very grateful to the keynote speaker, Prof. Tom Maibaum, from McMaster University, Hamilton, Canada. Prof. Maibaum addressed TestCom 2005 on this year’s theme. He kindly provided an extended abstract, which is also included in this volume.

We are very grateful to the people who contributed to TestCom 2005 in one way or another. We would like to thank the authors of all submitted papers and the members of the Technical Programme Committee for their hard work during the evaluation of the papers and during the selection process. We are thankful to all the co-reviewers who are indispensable for any peer-reviewed volume. We are grateful to the members of the Steering Committee for their advice. Special thanks go to Prof. Guy Leduc, Université de Liège, Belgium, chairman of the Steering Committee, for his support since day one of the organization of TestCom 2005. We would like to thank also the members of the Organizing Committee for their devotion to the conference, and Dean Nabil Esmail from the Faculty of Engineering and Computer Science at Concordia University for his support. All the individuals who contributed to TestCom 2005 are listed in the following pages.

March 2005

Ferhat Khendek  
Rachida Dssouli

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