

Preface

The 12th International Conference on Distributed Computing and Internet Technology, ICDCIT-2016, took place in Bhubaneswar, India, during January 15–18, 2016. It was hosted and sponsored by the Kalinga Institute of Information Technology (KIIT) University.

The ICDCIT conference series focusses on three broad areas of computer science, namely, distributed computing, Internet technologies, and societal applications. It provides a platform for academicians, researchers, practitioners, and developers to present and publish their research findings and also deliberate on contemporary topics in the area of distributed computing and Internet technology. From the very inception of the ICDCIT series the conference proceedings have been published by Springer as *Lecture Notes in Computer Science*; vol. 3347 (year 2004), 3816 (2005), 4317 (2006), 4882 (2007), 5375 (2008), 5966 (2010), 6536 (2011), 7154 (2012), 7753 (2013), 8337 (2014), 8956 (2015), and 9581 (2016).

In response to the call for submissions, ICDCIT 2016 received 165 abstracts. Subsequently, 129 submissions with full versions were reviewed by an international Program Committee (PC) consisting of 35 members from 12 countries. Each submission was peer reviewed by up to three PC members with the help of external reviewers. After receiving the reviews of the papers, the PC meeting was conducted electronically over a period of ten days in the latter part of September 2015 to discuss and finalize the acceptance of submissions under different categories. We included a poster paper category in order to encourage participation and presentation of ongoing research activities. Based on their relevance to the conference theme, and the quality of the technical contents and presentation style, a total of 24 papers (19%) were accepted for presentation and publication in the LNCS proceedings, out of which six papers (5%) are under the category of regular papers each with a maximum length of 12 pages, seven short papers, and 11 poster papers. We wish to thank all the PC members and external reviewers for their hard work, dedication, and timely submission of the reviews without which it would have been difficult to maintain the publication schedule.

The program also included invited lectures by six distinguished speakers: Benny Chor (Tel Aviv University, Israel), Eric Jonasch (University of Texas, USA), Shriram Krishnamurthi (Brown University, USA), John Rushby (SRI International, USA), Assaf Schuster (Technion, Israel), and Andrei Voronkov (University of Manchester, UK). We express our sincere thanks to all the invited speakers for accepting our invitation to share their expertise and also submit insightful and thought-provoking papers for inclusion in the proceedings. We are very sad to report that one of our original invited speakers, Alberto Apostolico, passed away while he was attending a conference in Lipari, Italy. He is missed dearly by all his friends, colleagues, and co-authors, and he was in our thoughts during this meeting.

Our sincere thanks to Achyuta Samanta (Founder of KIIT University) for his patronage and constant support with hosting the ICDCIT conference series. We are grateful to the Vice-Chancellor and administration of the KIIT University for providing us with the infrastructure and logistics to organize this international event. We are indebted to the Advisory Committee members for their constant guidance and support. We would like to place on record our appreciation of the invaluable service and tireless efforts of the organizing chair, finance chair, publicity chair, registration chair, session management chair, the publications chair, and all members of various committees. We would also like to thank the chairs of the satellite events, the student symposium, and the industry symposium. We would like to thank Arup Acharya in particular, for his help on communicating all matters related to registration and submissions. Our special thanks to Hrushikesh Mohanty, N. Raja, and D.N. Dwivedy for their valuable advice and wholehearted involvement in all activities.

We wish to acknowledge and thank all the authors for their scholarly contributions to the conference, which stimulated interesting discussions during the technical sessions. Our thanks are also due to the technical session chairs for managing the sessions effectively. We acknowledge the service rendered by EasyChair for efficient and smooth handling of all activities starting from paper submissions to preparation of the proceedings. We sincerely thank Alfred Hofmann and Anna Kramer from Springer for their cooperation and constant support throughout the publication process of this LNCS volume.

Last but not the least, we thank all the participants and people who directly or indirectly contributed to making ICDCIT 2016 a memorable event.

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