$C^3S^2E'11$

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Preface

The International C* Conference on Computer Science and Software Engineering (C^3S^2E) was established in 2008. C^3S^2E 2011 is the fourth annual meeting in the C^3S^2E conference series and is hosted by Concordia University in Montréal, Québec, Canada, during May 16-18, 2011. The conference aims to address the need of the academic community in computer science and software engineering. It brings together academics, government and industry professionals to discuss recent progress and challenges in a broad range of areas in the field of computer science and software engineering such as algorithms and theory, artificial intelligence, bioinformatics, computer architecture, computer graphics, computer security, computer vision, data mining, databases, image processing, information retrieval, machine learning, as well as software engineering. C^3S^2E 2011 also serves as a platform for theoreticians and practitioners to exchange their original research ideas on academic or application aspects of computing and engineering of software systems, present their new findings on theoretical or practical aspects of computer science and software engineering, share their experiences on integrating new technologies into products and applications, discuss their work on applying computing and software engineering to real-life situations, describe their development and operations of challenging computing related systems, and identify unsolved challenges.

This fourth edition of C^3S^2E has morphed into an international meeting. For C^3S^2E 2011, we continue to keep our tradition for inviting international experts in various areas of computer science and software engineering to join our team of program committee. As a result, our Program Committee consists of professionals from different parts of the world including: Australia, Canada, China, Denmark, France, Germany, Hong Kong, Ireland, Italy, Japan, Korea Republic, Mexico, Portugal, Spain, Turkey, United Arab Emirates, United Kingdom, United States. This committee has done an excellent job in finishing the single-blind review and on-line double-blind debate processes in record time. On average, about 87% of reviews were submitted by the due date and about 3.47 reviews were received for each paper. In terms of submissions, we have attracted 87 high-quality papers submitted by authors from Argentina, Brazil, Canada, China, France, Germany, India, Iran, Ireland, Japan, Jordan, Korea Republic, Russian Federation, Spain, United Arab Emirates, United Kingdom, United States. The paper selection process was thorough and competitive. On average, each paper was refereed by at least three reviewers: 15 submissions were accepted as full papers(16%) and 5 papers as short papers with an overall acceptance of 23%. This year, we have program that spans over two days. In addition to research papers and student posters, we also include position papers, which allow authors to give their opinions and vision on exploring new concepts and research directions.

This conference would not have been possible without the help and effort of many people and organizations. We thank ACM Press, BytePress, Concordia University, and ETS(UQAM) for their support of this conference. We are grateful to members of the Program Committee for their professionalism and dedication in the process of judging the contributions of papers and producing constructive comments to the authors.

Bipin C. Desai ***Concordia University, Montréal, QC, Canada***

Alain Abran, ***ETS(UQAM), Montréal, QC, Canada***

Sudhir P. Mudur, ***Concordia University, Montréal, QC, Canada***

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