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Proceedings

Volume Editor

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Preface

The Annual International Computing and Combinatorics Conference is an annual forum for exploring research, development, and novel applications of computing and combinatorics. It brings together researchers, professionals and industrial practitioners to interact and exchange knowledge, ideas and progress. The topics cover most aspects of theoretical computer science and combinatorics related to computing. The 13th Annual International Computing and Combinatorics Conference (COCOON 2007) was held in Banff, Alberta during July 16–19, 2007. This was the first time that COCOON was held in Canada.

We received 165 submissions, among which 11 were withdrawn for various reasons. The remaining 154 submissions under full consideration came from 33 countries and regions: Australia, Brazil, Canada, China, the Czech Republic, Denmark, Finland, France, Germany, Greece, Hong Kong, India, Iran, Ireland, Israel, Italy, Japan, the Netherlands, Norway, Pakistan, Poland, Romania, Russia, Slovakia, South Korea, Spain, Sweden, Switzerland, Taiwan, Turkey, the UK, the USA, and the US minor outlying islands.

After a six week period of careful reviewing and discussions, the program committee accepted 51 submissions for oral presentation at the conference. Based on the affiliations, 1.08 of the accepted papers were from Australia, 7.67 from Canada, 3.08 from China, 1 from the Czech Republic, 2 from Denmark, 1 from France, 5.42 from Germany, 0.08 from Greece, 2.18 from Hong Kong, 0.33 from India, 0.17 from Ireland, 1.83 from Israel, 1.5 from Italy, 2.9 from Japan, 0.17 from the Netherlands, 2.67 from Norway, 0.5 from Poland, 1 from Switzerland, 1 from Taiwan, 0.08 from Turkey, 1.33 from the UK, 12.33 from the USA, and 0.33 from the US minor outlying islands. The program of COCOON 2007 also included three keynote talks by Srinivas Aluru, Francis Y. L. Chin, and Ming Li.

Finally, we would like to express our gratitude to the authors of all submissions, the members of the program committee and the external reviewers, the members of the organizing committee, the keynote speakers, our generous sponsors, and the supporting organizations for making COCOON 2007 possible and enjoyable.

July 2007

Guohui Lin

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COCOON 2007 was sponsored by the Department of Computing Science, the University of Alberta, and the Informatics Circle of Research Excellence (iCORE).

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