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## FOREWORD

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### Special Section on Foundations of Computer Science —New Trends in Theoretical Computer Science—

We are happy to publish this Special Section on Foundations of Computer Science. This is the fourteenth section of this title. The main goal of this section is to review and to promote recent progress in the field of foundations of computer science.

This year we received 15 submissions: 13 full papers and 2 letters from Japan and other Asian countries. After careful and strict review process, 5 (full) papers were accepted for publication. We believe that the reviewers' comments will be useful to those authors whose submission were not selected for this special section.

We would like to thank all of the authors for submitting their research work. We deeply appreciate the anonymous reviewers for their contributions, outstanding comments and their suggestions during the review process. Finally, as the Guest Editor-in-Chief of this special section, I would like to express my deep thanks to the Guest Editors for their hard work.

Special Section Editorial Committee Members

Guest Associate Editors:

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Takeshi Koshiba, Guest Editor-in-Chief

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**Takeshi Koshiba** (*Member*) received his B.E., M.E., and Ph.D. degrees in computer science from Tokyo Institute of Technology, Japan, in 1990, 1992, and 2001, respectively. In 1992, he became a researcher at Fujitsu Laboratories, Ltd. He also worked for TAO Information Security project from 1999 to 2000 and JST ERATO quantum computation and information project from 2002 to 2004. In 2005, he was an associate professor at Saitama University. He was also a guest associate professor at the Institute of Statistical Mathematics from 2006 to 2009 and a guest researcher at Université Paris-Sud and Université Paris Diderot-Paris 7 from 2010 to 2011. He is currently a professor at Saitama University. His research interests include cryptography, quantum computation and randomness. He is a member of IPSJ, IEICE, ACM, EATCS, IACR, and IEEE.

