FOREWORD

Special Section on Foundations of Computer Science

We are happy to introduce this special section on Foundations of Computer Science. Since the first special section on this title has been published in 2004, this series of special sections has played a significant role to promote studies in this area. The special sections also give good opportunities to those who are facing new application problems for finding consistent solutions. It will be our great pleasure if this seventh special section on the title too help readers and encourage researchers in the field.

This special section includes one invited paper, nine submitted papers and one letter, all qualified careful review over nineteen submissions. The invited paper by Professor Tatsuya Akutsu at Kyoto University reviews recent key results on the tree edit distance problem. Besides the remarkable results, it is so impressive to see that universal discussions in foundations of computer science could help developing very recent problems which are now occurring in bioinformatics.

We greatly appreciate all the authors for their valuable contributions. We are also grateful to anonymous reviewers for their constructive comments. As the Guest Editor-in-Chief of this special section, I would like to express my thanks to the members of the Editorial Committee listed below for their work.

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Yuichi Kaji, Guest Editor-in-Chief

Yuichi Kaji *(Member)* was born in Osaka, Japan, on December 23, 1968. He received the B.E., M.E., and Ph.D. degrees in information and computer sciences from Osaka University, Osaka, Japan, in 1991, 1992 and 1994, respectively. In 1994, he joined Graduate School of Information Science, Nara Institute of Science and Technology, Nara, Japan. In 2003 and 2004, he visited the University of California Davis and the University of Hawaii at Manoa as a visiting researcher. His current research interests include the theory of error correcting codes, fundamental techniques for information security, and the theory of automata and rewriting systems. He is a member of IEEE, IPSJ and SITA (The Society of Information Theory and its Applications).