FOREWORD

Special Section on Data Engineering and Information Management

It is our great pleasure to publish this special section on data engineering and information management. The Tenth Forum on Data Engineering and Information Management (DEIM Forum 2018), held in March 2018 in Awara, Fukui, has been recognized as the largest forum in Japan collecting a broad spectrum of academic and industrial research presentations related to data engineering and information management. In connection with the DEIM Forum, we planned to publish this special section in the Transactions on Information and Systems from the Institute of Electronics, Information and Communication Engineers (IEICE). We invited submissions of papers in the broad areas of data engineering and information management, and particularly encouraged submissions on topics of emerging interest in engineering and management of Big Data.

The editorial committee received 27 papers and each paper was reviewed by at least two anonymous referees. After the deep and intensive reviews, the editorial committee has finally selected 10 research papers (including one letter) that offer high-quality and outstanding research results. Those papers cover a range of topics including indexing and retrieval techniques, array databases, data systems, security, social network analysis, activity recognition, and machine learning.

I would like to thank the referees and the editorial committee members for their dedicated efforts. I would also like to express my gratitude to Guest Editors, Prof. Yasuhiko Morimoto at Hiroshima University, Prof. Qiang Ma at Kyoto University, and Dr. Yasuhiro Fujiwara at NTT Corporation, for excellent organization of the entire editing process. I hope that this special section contributes to the continued success and growth of the research community in the areas of data engineering and information management.

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