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 Forum on Data Engineering and Information Management (DEIM) 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. The 2020 meeting (DEIM 2020) was originally planned to be held in Koriyama, Fukushima in March 2020. Coincidently, the COVID-19 pandemic started to spread into Japan. To save the attendees and continue the academic communication, DEIM 2020 was finally held fully online; this was a very early trial of online conferences, but concluded with great success. In connection with DEIM 2020, 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 17 research papers and two letters, and assigned at least two anonymous referees to review each paper and at least one for each letter. After the deep and intensive reviews, the editorial committee has finally selected two research papers and two letters that offer high-quality and outstanding research results. Those papers and letters cover a range of topics including database systems, topic models, multimedia metadata, and distributed 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 Associate Editors-in-Chief, Prof. Chiemi Watanabe at Tsukuba University of Technology, Dr. Yasuhiro Fujiwara at NTT Corporation, Prof. Yu Suzuki at Gifu University, 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.

Editorial Committee Members:
Guest Editor-in-Chief: Kazuo Goda (The Univ. of Tokyo)
Guest Associate Editors-in-Chief: Chiemi Watanabe (Tsukuba Univ. of Technology), Yasuhiro Fujiwara (NTT), Yu Suzuki (Gifu Univ.)
Associate Editors: Daichi Amagata (Osaka Univ.), Yoko Kamidoi (Hiroshima City Univ.), Yasuhiko Kanemasa (Fujitsu), Makoto P. Kato (Univ. of Tsukuba), Kyoung-Sook Kim (AIST), Jianquan Liu (NEC), Hisashi Miyamori (Kyoto Sangyo Univ.), Kyosuke Nishida (NTT), Hiroaki Shiokawa (Univ. of Tsukuba), Masaaki Tsuchida (COTOBADESIGN, Inc.), Kei Wakabayashi (Univ. of Tsukuba), Shoko Wakamiya (NAIST), Takehiro Yamamoto (Univ. of Hyogo), and Takayuki Yumoto (Univ. of Hyogo)

Kazuo Goda (The Univ. of Tokyo), Guest Editor-in-Chief

Kazuo Goda *(Member)* is an associate professor at Institute of Industrial Science, The University of Tokyo, Japan. His research interests include database systems and storage systems. He is a member of IEICE, IEICE, DBSJ, ACM, IEEE and USENIX.