
FOREWORD

Special Section on Log Data Usage Technology and Office Information Systems

The aim of this special section is to present practical information systems that can leverage various Big Log data. Presently, many types of logs are stored on an everyday basis, because IoT (Internet of Things) devices generate massive data. Examples of logs include customer purchase history, medication logs and articles posted on Social Network Services (SNS). Leveraging of log data can be considered a key research topic towards a better information society. Log data visualization and analysis can improve the performance of applications and servers. However, logging management can be a very time-consuming process when it is not optimized with the right tools. For this reason, new ideas and approaches are needed to log and process Big Data. For this special section, we welcomed submissions related to different techniques for log-data processing, data sharing and anonymization. The authors were encouraged to submit research works on office information systems and practical log-based applications.

For this special section, we received 22 submissions: 2 invited papers, 11 full papers, 8 letters and one full paper on system development. Through a rigorous and objective review process performed by our editors and reviewers, 14 papers including 7 letters have been selected for publication.

I would like to express my sincere thanks to all authors for their valuable contributions and reviewers for their constructive comments. I also would like to thank the team of Guest Editors and Guest Associate Editors for their support and efforts to make this special section successful.

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Noriyasu Yamamoto (*Member*) received BE degree from Nagasaki University, Japan, in 1990. He received ME and PhD degrees from Kyushu University, Japan, in 1992 and 1998, respectively. He is currently a Professor at Fukuoka Institute of Technology, Japan. His research interests include computer vision, distributed and parallel image processing, network security and Life Log systems. He is a member of Information Processing Society of Japan (IPSJ) and Institute of Electronic and Communication Engineering in Japan (IEICE).

