Preface

Please accept our warmest welcome to the seventh International Conference on Emerging Databases: Technologies, Applications, and Theory (EDB 2017) which was held in Busan, Korea, on August 7–9, 2017. The KIISE (Korean Institute of Information Scientists and Engineers) Database Society of Korea hosts EDB 2017 as an annual forum for exploring technologies, novel applications, and researches in the fields of emerging databases. We have thrived to make EDB 2017 the premier venue for researchers and practitioners to exchange current research issues, challenges, new technologies, and solutions.

The technical program of EDB 2017 has embraced a variety of themes that fit into seven oral sessions and one poster session. We have selected 26 regular papers and 9 posters with high quality. The following sessions represent the diversity of themes of EDB 2017: "NoSQL Database," "System and Performance," "Social Media and Big Data," "Graph Database and Graph Mining," and "Data Mining and Knowledge Discovery." In addition to the oral and poster sessions, the technical program has provided one keynote speech by Dr. Mukesh Mohania (IBM Academy of Technology, Australia), two invited talks by Prof. Alfredo Cuzzocrea (University of Trieste, Italy) and Prof. Carson Leung (University of Manitoba, Canada), and one tutorial by Prof. Jae-Gil Lee (KAIST, Republic of Korea).

We would like to give our sincere thanks to all our colleagues who served on the Program Committee members and external reviewers. The success of EDB 2017 would not have been possible without their dedication. We would like to thank Bong-Hee Hong (Pusan Nat'l Univ., Korea), Young-Kuk Kim (Chungnam Nat'l Univ., Korea), Young-Duk Lee (Korea Data Agency, Korea), Hiroyuki Kitagawa (Tsukuba University, Japan), and Sean Wang (Fudan University, China) (Honorary Co-Chairs); Jinho Kim (Kangwon Nat'l Univ., Korea) and Wookey Lee (Inha Univ., Korea) (General Co-Chairs); and Youngho Park (Sookmyung Women's Univ., Korea), Wonik Choi (Inha Univ., Korea), and James Geller (NJIT, USA) (Organization Committee Co-Chairs) for their advices and supports. We are also grateful to all the members of EDB 2017 for their enthusiastic cooperation in organizing the conference.

Last but not least, we would like to give special thanks to all of the authors for their valuable contributions, which made the conference a great success.

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