

Advances in Intelligent Systems and Computing

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Series editor

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Proceedings of the Future Technologies Conference (FTC) 2018

Volume 1

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Editor's Preface

Future Technologies Conference (FTC) 2018 was held on November 13–14, 2018, in Vancouver at the Marriott Pinnacle Downtown Hotel, with sweeping views of the coastal mountains, Coal Harbour, and Vancouver's city skyline. The city of Vancouver is considered as one of the most beautiful cities in the world.

With great privilege, we present the Proceedings of FTC 2018 in two volumes to the readers. We hope that you will find it useful, exciting, and inspiring. FTC 2018 aims at producing a bright picture and charming landscape for future technologies by providing a platform to present the best of current systems' research and practice, emphasizing innovation and quantified experience. The ever-changing scope and rapid development of future technologies create new problems and questions, resulting in the real need for sharing brilliant ideas and stimulating good awareness of this important research field.

Researchers, academics, and technologists from leading universities, research firms, government agencies, and companies from 50+ countries presented the latest research at the forefront of technology and computing. After the double-blind review process, we finally selected 173 full papers including six poster papers to publish.

We would like to express our gratitude and appreciation to all of the reviewers who helped us maintain the high quality of manuscripts included in this conference proceedings. We would also like to extend our thanks to the members of the organizing team for their hard work. We are tremendously grateful for the contributions and support received from authors, participants, keynote speakers, program committee members, session chairs, organizing committee members, steering committee members, and others in their various roles. Their valuable support, suggestions, dedicated commitment, and hard work have made FTC 2018 a success. Finally, we would like to thank the conference's sponsors and partners: Western Digital, IBM Research, and Nature Electronics.

We believe this event will help further disseminate new ideas and inspire more international collaborations.

We hope that all the participants of FTC 2018 had a wonderful and fruitful time at the conference and that our overseas guests enjoyed their sojourn in Vancouver!

Kind Regards,
Kohei Arai

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