

Advances in Intelligent Systems and Computing

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Series editor

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Editor's Preface

On behalf of the Organizing and Program Committee of the Computing Conference 2018, we would like to welcome you to the Computing Conference 2018 which was held from July 10 to July 12, 2018, in London, UK.

The Conference is organized by the SAI Conferences, a group of annual conferences produced by The Science and Information (SAI) Organization, based in the UK.

Despite the short history of computer science as a formal academic discipline, it has made a number of fundamental contributions to science and society—in fact, along with electronics, it is a founding science of the current epoch of human history called the Information Age and a driver of the Information Revolution. The goal of this Computing Conference is to give a platform to researchers with such fundamental contributions and to be a premier venue for industry practitioners to share new ideas and development experiences. It is one of the best-respected conferences in the area of computer science.

Computing Conference 2018 began with an opening ceremony, and the Conference program featured welcome speeches followed with two keynote speeches, project demonstrations, and poster presentations. Post lunch, six sessions of paper presentations were presented by the authors including the 15-min networking break. The day ended with an Evening London Tour. Day-2 program started with two keynote talks followed with nine sessions of paper presentations. Day-3 program also started with two keynote talks followed with nine sessions of paper presentations, and the Conference ended with a closing ceremony. The Conference attracted a total of 568 submissions from many academic pioneering researchers, scientists, industrial engineers, students from all around the world. These submissions underwent a double-blind peer review process. Of those 568 submissions, 192 submissions (including 14 poster papers) have been selected to be included in this proceedings. It covers several hot topics which include artificial intelligence, data science, intelligent systems, machine learning, communication systems, security, software engineering, e-learning, Internet of things, image processing and robotics. The Conference held over 3 days hosted paper presentations, poster presentations, and project demonstrations.

I would like to express my deep appreciation to the Keynote Speakers for sharing their knowledge and expertise with us and to all the authors who have spent the time and effort to contribute significantly to this Conference. We extend a sincere “thank you” to the Organizing Committee for their great efforts in ensuring the successful implementation of the Conference and the Technical Committee for their constructive and enlightening reviews on the manuscripts. Without their efforts, the Conference would not have been possible.

Our sincere thanks to all the sponsors, press, print, and electronic media for their excellent coverage of this Conference.

Finally, we hope everyone who attended enjoyed the Conference Program and also their stay in London, UK. We firmly look forward to the impact of Computing Conference 2018 in promoting the standardization work of computer science. We are pleased to present the proceedings of this Conference as its published record.

Hope to see you in 2019, in our next Computing Conference, with the same amplitude, focus, and determination.

Kohei Arai

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