

Preface

The 11th International Conference on Computer Science & Education (IEEE ICCSE 2016) was held in August 2016 at Nagoya University. As a whole, the conference provides an international forum for presenting the most recent advances in the fields of computer science and education and the related areas of engineering and advanced technologies. In addition, the conference facilitates and promotes information exchange among participants from industries, research laboratories, government organizations, and academia. The conference reflected ever-growing interest in computer science and education. Of the 442 initial paper submissions, after a rigorous full-paper review, 175 papers representing 13 countries and regions have been accepted for presentation at the conference. This corresponds to an acceptance rate of 39.59%. These papers reflected the dynamism of research activities in information, computing, automation, advanced technologies, and education, as well as the emergence of innovative topics in research and education that address the ever-increasing challenges stemming from related educational, industrial, and societal needs. We focused on innovative technologies that are related to information technology (IT) and aimed to reach the scope of social applications with a spotlight on educational applications. We invited famous professors to be keynote speakers, including Professor Fukuda, an expert in robotics and mechatronics based on IT, and Professor Li, one of the leading professors in the field of environmental IT. We also invited several other important speakers to this conference.

On the day before the event, a satellite symposium was held at the University of Fukui. This symposium was co-organized with the Society for Science on Form. A special issue titled “Special Issue: Forms and Fundamental Fields,” a collection of papers presented at the symposium as well as newly contributed papers related to the symposium theme, has been published. In particular, this issue is comprised of an original paper, a letter, and three forums. It is our hope that this issue will contribute to future advancements in the Society for Science on Form.

We wish to express our gratitude to all of our sponsoring societies and organizations, in particular, the National Research Council of Computer Education in Colleges & Universities, China (CRC-CE), Nagoya University, and the University of Fukui. We would like to thank all the participants from the 13 countries and regions for their support and participation in making this conference a great success.

June 8, 2018

Hiroki Takada
Fukui University
Shu Matsuura
Tokyo Gakugei University