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Editors

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Preface

It gives us the great pleasure to welcome all the participants of the Computer Vision Conference (CVC) 2019, organized by The Science and Information (SAI) Organization, based in the UK. CVC 2019 offers a place for participants to present and to discuss their innovative recent and ongoing research and their applications. The prestigious conference was held on 25–26 April 2019 in Las Vegas, Nevada, USA.

Computer vision is a field of computer science that works on enabling the computers to identify, see and process information in a similar way that humans do and provide an appropriate result. Nowadays, computer vision is developing at a fast pace and has gained enormous attention.

The volume and quality of the technical material submitted to the conference confirm the rapid expansion of computer vision and CVC’s status as its flagship conference. We believe the research presented at CVC 2019 will contribute to strengthen the great success of computer vision technologies in industrial, entertainment, social and everyday applications. The participants of the conference were from different regions of the world, with the background of either academia or industry.

The published proceedings has been divided into two volumes, which covered a wide range of topics in Machine Vision and Learning, Computer Vision Applications, Image Processing, Data Science, Artificial Intelligence, Motion and Tracking, 3D Computer Vision, Deep Learning for Vision, etc. These papers are selected from 371 submitted papers and have received the instruction and help from many experts, scholars and participants in proceedings preparation. Here, we would like to give our sincere thanks to those who have paid great efforts and support during the publication of the proceeding. After rigorous peer review, 118 papers were published including 7 poster papers.

Many thanks go 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 are also indebted to the organizing committee for their great efforts in ensuring the successful implementation of the

conference. In particular, we would like to thank the technical committee for their constructive and enlightening reviews on the manuscripts in the limited timescale.

We hope that all the participants and the interested readers benefit scientifically from this book and find it stimulating in the process. See you in next SAI Conference, with the same amplitude, focus and determination.

Regards,
Kohei Arai

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