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Preface

The 5th IAPR International Conference on Computer Vision & Image Processing was focused on image or video processing and computer vision. This year CVIP 2020 was held at the Indian Institute of Information Technology Allahabad, Prayagraj, India. We received submissions on topics such as biometrics, forensics, content protection, image enhancement/super-resolution/restoration, motion and tracking, image or video retrieval, image, image/video processing for autonomous vehicles, video scene understanding, human-computer interaction, document image analysis, face, iris, emotion, sign language and gesture recognition, 3D image/video processing, action and event detection/recognition, medical image and video analysis, vision-based human gait analysis, remote sensing, multispectral/hyperspectral image processing, segmentation and shape representation, image/video security, visual sensor hardware, compressed image/video analytics, document, and synthetic visual processing and Datasets and Evaluation, etc. CVIP is now one of the flagship conferences in the field of Computer Science and Information Technology.

CVIP 2020 received 352 submissions from all over the world from countries including Poland, United Kingdom, United States, Norway, Sweden, Russia, Germany, China, and many others. All submissions were rigorously peer reviewed and 134 papers were finally selected for presentation at CVIP 2020. The Program Committee finally selected all 134 high-quality papers to be included in this volume of Computer Vision and Image Processing (CVIP) proceedings published by Springer Nature.

The conference advisory committee, technical program committee, and faculty members of the Indian Institute of Information Technology Allahabad, Prayagraj, India made a significant effort to guarantee the success of the conference. We would like to thank all members of the program committee and the referees for their commitment to help in the review process and for spreading our call for papers. We would like to thank Ms. Kamya Khatter from Springer Nature for her helpful advice, guidance, and continuous support in publishing the proceedings. Moreover, we would like to thank all the authors for supporting CVIP 2020; without all their high-quality submissions the conference would not have been possible.

December 2020 Satish Kumar Singh

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