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Preface

Welcome to the proceedings of the Second Chinese Conference on Pattern Recognition and Computer Vision (PRCV 2019) held in Xi'an, China!

PRCV merged from CCPR (Chinese Conference on Pattern Recognition) and CCCV (Chinese Conference on Computer Vision), which are both the most influential Chinese conferences on pattern recognition and computer vision, respectively. Pattern recognition and computer vision are closely inter-related and the two communities are largely overlapping. The goal of merging CCPR and CCCV into PRCV is to further boost the impact of the Chinese community in these two core areas of artificial intelligence and further improve the quality of academic communication. Accordingly, PRCV is co-sponsored by four major academic societies of China: the Chinese Association for Artificial Intelligence (CAAI), the China Computer Federation (CCF), the Chinese Association of Automation (CAA), and the China Society of Image and Graphics (CSIG).

PRCV aims at providing an interactive communication platform for researchers from academia and from industry. It promotes not only academic exchange, but also communication between academia and industry. In order to keep track of the frontier of academic trends and share the latest research achievements, innovative ideas, and scientific methods in the fields of pattern recognition and computer vision, international and local leading experts and professors are invited to deliver keynote speeches, introducing the latest advances in theories and methods in the fields of pattern recognition and computer vision.

PRCV 2019 was hosted by Northwestern Polytechnical University and was co-hosted by Xi'an Jiaotong University, Xidian University, and Shaanxi Normal University. We received 412 full submissions. Each submission was reviewed by at least three reviewers selected from the Program Committee and other qualified researchers. Based on the reviewers' reports, 165 papers were finally accepted for presentation at the conference, including 18 oral and 147 posters. The acceptance rate is 40%. The proceedings of the PRCV 2019 are published by Springer.

We are grateful to the keynote speakers, Prof. Kyros Kutulakos from the University of Toronto in Canada, Prof. Licheng Jiao from Xidian University, Prof. Tinne Tuytelaars from the University of Leuven in Belgium, and Prof. Kyoung Mu Lee from Seoul National University in South Korea.

We give sincere thanks to the authors of all submitted papers, the Program Committee members and the reviewers, and the Organizing Committee. Without their contributions, this conference would not be a success. Special thanks also go to all of the sponsors and the organizers of the special forums; their support made the conference a success. We are also grateful to Springer for publishing the proceedings

and especially to Ms. Celine (Lanlan) Chang of Springer Asia for her efforts in coordinating the publication.

We hope you find the proceedings enjoyable and fruitful.

November 2019

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