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Imari Sato · Bohyung Han (Eds.)

Computer Vision – ACCV 2020 Workshops

15th Asian Conference on Computer Vision
Kyoto, Japan, November 30 – December 4, 2020
Revised Selected Papers

Springer

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Preface

We are very pleased to present the workshop proceedings of the Asian Conference on Computer Vision (ACCV), which took place during November 30 to December 4 in 2020. ACCV 2020 hosted four workshops on a variety of topics and formats and was successful, with many attendees. However, the number of accepted workshops was less than in the previous conferences because ACCV 2020 was a fully virtual meeting hosted during the COVID-19 pandemic. It is unfortunate that the researchers did not have the opportunity to have physical meetings and technical discussions in the workshops. Despite the small quantity, we accepted workshops of excellent quality. The list of workshops held in conjunction with ACCV 2020 is as follows:

- Webly-Supervised Fine-Grained Recognition Challenge (WebFG)
- Human Identification at a Distance (HID)
- Machine Learning and Computing for Visual Semantic Analysis (MLCSA)
- Multi-Visual-Modality Human Activity Understanding (MMHAU)

The workshops were primarily related to high-level computer vision, and covered interesting topics in terms of its applications. All workshops had invited speaker sessions, where leading researchers gave insightful talks. Two workshops hosted challenges and presented their results in their sessions.

We thank all the workshop organizers for their efforts to make these successful events, especially in the challenging environment of virtual hosting. We hope they continue to hold the workshops in future ACCVs. We also thank the publication chairs for putting together the papers presented in the workshops to make the workshop proceedings.

January 2021

Imari Sato
Bohyung Han

Organization

Webly-Supervised Fine-Grained Recognition Challenge (WebFG)

Xiu-Shen Wei	Nanjing University of Science and Technology, China
Yazhou Yao	Nanjing University of Science and Technology, China
Oisin Mac Aodha	The University of Edinburgh, UK
Wenguan Wang	ETH Zurich, Switzerland
Jian Yang	Nanjing University of Science and Technology, China
Jianxin Wu	Nanjing University, China
Chunhua Shen	The University of Adelaide, Australia
Grant Van Horn	Cornell Lab of Ornithology, USA
Shin'ichi Sato	National Institute of Informatics, Japan
Osamu Yoshie	Waseda University, Japan

Human Identification at a Distance (HID)

Shiqi Yu	Southern University of Science and Technology, China
Liang Wang	Institute of Automation, Chinese Academy of Sciences, China
Yongzhen Huang	Institute of Automation, Chinese Academy of Sciences, China; Watrix Technology Co. Ltd., China
Yasushi Makihara	Osaka University, Japan
Nicolás Guil	University of Málaga, Spain
Manuel J. Marín-Jiménez	University of Córdoba, Spain
Edel B. García Reyes	Shenzhen Institute of Artificial Intelligence and Robotics for Society, China
Feng Zheng	Southern University of Science and Technology, China
Md. Atiqur Rahman Ahad	University of Dhaka, Bangladesh; Osaka University, Japan

Machine Learning and Computing for Visual Semantic Analysis (MLCSA)

YongQing Sun	NTT, Japan
Xian-Hua Han	Yamaguchi University, Japan
Jien Kato	Ritsumeikan University, Japan

Multi-Visual-Modality Human Activity Understanding (MMHAU)

Zhigang Tu	Wuhan University, China
Junsong Yuan	University at Buffalo, State University of New York, USA
Zicheng Liu	Microsoft AI&R Ambience Intelligence, USA

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