EDITORIAL

Preface

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In this issue, we have fourteen regular papers:

The first paper is titled "Description generation of opendomain videos incorporating multimodal features and bidirectional encoder" by Xiaotong Du, Jiabin Yuan, Liu Hu and Yuke Dai from Nanjing University of Aeronautics and Astronautics, China.

The second paper is "A gait skeleton model extraction method based on the fusion between vision and tactility" by Shijie Dai, Rui Wang and Huibo Zhang from Hebei University of Technology, China.

The third paper is "Emotion-based diversity crowd behavior simulation in public emergency" by Yan Mao, Yongjian Li from Southwest JiaoTong University, China, Zuning Li and Wu He from Sichuan Normal University, China.

The fourth paper is "An efficient FLIP and shape matching coupled method for fluid–solid and two-phase fluid simulations" by Yang Gao, Shuai Li, Yinghao Xu, Aimin Hao from Beihang University, China, and Hong Qin from Stony Brook University, USA.

The fifth paper is "Super-resolution image reconstruction using fractional-order total variation and adaptive regularization parameters" by Xiaomei Yang, Jiawei Zhang, Yanan Liu, Xiujuan Zheng and Kai Liu from Sichuan University, China.

The sixth paper is "Motion energy image for evaluation of video stabilization" by Marcos Roberto Souza and Helio Pedrini from University of Campinas, Brazil.

The seventh paper is "Weighted two-step aggregated VLAD for image retrieval" by Hao Liu, Qingjie Zhao, Jimmy T. Mbelwa from Beijing Institute of Technology, China, Song Tang and Jianwei Zhang from University of Hamburg, Germany.

The eighth paper is "Linearized kernel dictionary learning with group sparse priors for action recognition" by Changde

Fan, Chunhai Hu and Bin Liu from Yanshan University, China.

The ninth paper is "On the use of local ray termination for efficiently constructing qualitative BSPs, BIHs and (S)BVHs" by Matthias Moulin and Philip Dutre from KU Leuven, Belgium.

The tenth paper is "An asynchronous method for cloudbased rendering" by Keith Bugeja, Sandro Spina from University of Malta and Kurt Debattista from University of Warwick.

The eleventh paper is "Point sets joint registration and co-segmentation" by Siyu Hu, Xuejin Chen from University of Science and Technology of China, China, and Xin Tong Microsoft Research Asia, China.

The twelfth paper is "Visual simulation of a capsizing ship in stormy weather condition" by Lin Wang and Soonhung Han from Korea Advanced Institute of Science and Technology, Republic of South Korea.

The thirteenth paper is "A unified framework for interactive image segmentation via Fisher rules" by Lingkun Luo, Shiqiang Hu, Xing Hu, Huanlong Zhang from Shanghai Jiao Tong University, China, Xiaofang Wang from Ecole Centrale Lyon, LIRIS, France, Yaohua Liu from University of Science and Technology of China, China, and James Zhang from Deakin University, Australia.

The fourteenth paper is "Total generalized variation and wavelet frame-based adaptive image restoration algorithm" by Xinwu Liu from Hunan University of Science and Technology, China.

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