EDITORIAL

Preface

Nadia Magnenat-Thalmann[1]

In this issue, we have fourteen regular papers:

The first paper is titled "light field variational estimation using a light field formation model" by Julien Couillaud and Djemel Ziou from Universite de Sherbrooke Faculte des Sciences, Canada.

The second paper is "search inliers based on redundant geometric constraints" by Rongrong Lu, Feng Zhu, Qingxiao Wu and Xingyin Fu from Shenyang Institute of Automation, China.

The third paper is "a microfacet-based BRDF for the accurate and efficient rendering of high-definition specular normal maps" by Xavier Chermain, Frédéric Claux and Stéphane Mérillou from Universite de Limoges Faculte des Sciences et Techniques, France.

The fourth paper is "pattern recognition based on compound complex shape-invariant Radon transform" by Ghassen Hammouda and Dorra Sellami from Ecole Nationale d'Ingenieurs de Sfax, Tunisia, and Atef Hammouda from Universite de Tunis El Manar, Tunisia.

The fifth paper is "endpoint fusing method of online freehand-sketched polyhedrons" by Shuxia Wang, Qian Zhang, Shouxia Wang, Xiaoke Jing and Mantun Gao from Northwestern Polytechnical University, China.

The sixth paper is "joint learning of image detail and transmission map for single image dehazing" by Shengdong Zhang, Fazhi He and Jian Yao from Wuhan University, China, and Wenqi Ren from Institute of Process Engineering Chinese Academy of Sciences, China.

The seventh paper is "photographic style transfer" by Li Wang, Zhao Wang, Xiaosong Yang and Jianjun Zhang from Bournemouth University, UK, and Shimin Hu from Tsinghua University, China.

The eighth paper is "texture-guided depth upsampling using Bregman split: a clustering graph-based approach" by Doaa A. Altantawy, Ahmed I. Saleh and Sherif Kishk from Mansoura University, Non-US/Non-Canadian Egypt.

The ninth paper is "building hierarchical structures for 3D scenes with repeated elements" by Xi Zhao, Zhenqiang Su and Xinyu Yang from Xi'an Jiaotong University, China, and Taku Komura from University of Edinburgh, UK.

The tenth paper is "a practical methodology for computer-aided design of custom 3D printable casts for wrist fractures" by Francesco Buonamici, Rocco Furferi, Lapo Governi, Francesca Uccheddu, Yary Volpe and Michaela Servi from Universita degli Studi di Firenze, Italy, and Simone Lazzeri, Kathleen S. McGreevy and Emiliano Talanti from Azienda Ospedaliero Universitaria Meyer, Italy.

The eleventh paper is "facial expression recognition with convolutional neural networks via a new face cropping and rotation strategy" by Kuan Li, Yi Jin, Muhammad Waqar Akram and Jiongwei Chen from University of Science and Technology of China, China, and Ruize Han from Tianjin University, China.

The twelfth paper is "using CNN for facial expression recognition: a study of the effects of kernel size and number of filters on accuracy" by Abhinav Agrawal and Namita Mittal from Malaviya National Institute of Technology, India.

The thirteenth paper is "four points: one-pass geometrical camera calibration algorithm" by Hossein Kamali Ardakani and Amir Mousavinia, K N Toosi University of Technology, Iran, and Farzad Safaei from University of Wollongong, Australia.

The fourteenth paper is "long-term correlation tracking via spatial–temporal context" by Zhi Chen, Peizhong Liu, Yongzhao Du and Yanmin Luo from Huaqiao University, China, and Jing-Ming Guo from National Taiwan University of Science and Technology, Taiwan.

Nadia Magnenat-Thalmann
Editor in chief

✉ Nadia Magnenat-Thalmann
thalmann@miralab.ch

1 MIRALab-CUI, University of Geneva, Battelle, Building A, 7, Route de Drize, 1227 Carouge, Geneva, Switzerland