PREFACE

Preface (Vol 37, Issue 4)

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In this issue, we first thank the reviewers for their hard work in handling papers during the year 2020 for the Visual Computer.

Then 5 papers from the special issue "Learning Representation for Visual Data" are presented. In addition, 2 papers from the conference Grapp 2019 as well as 2 papers from Cyberworlds 2019 have been selected. This issue is completed with 6 regular papers.

We also mention three corrections to 3 papers.

1 SI: Learning representation from visual data

We are happy to present 5 papers for the special issue "Learning representation from visual data" that has been handled by 4 guest editors who are:

- Dr. Wenming Zheng, Southeast University, China (lead Editor and Associate Editor of the Visual Computer).
- Dr. Jianjun Qian, Nanjing University of Science and Technology (guest editor).
- Dr. Wankou Yang, Southeast University, China (guest editor).
- Dr. Richard Yi Da Xu, University of Technology, Sydney (guest editor).

After a very careful review, the following papers have been selected:

1. Qiao Du et al., titled: "Block dictionary learning-driven convolutional neural networks for few shot face recognition".

2. Li Zhang et al., titled: "Dissimilarity-based nearest neighbor classifier for single-sample face recognition".
3. Cairong Zhao et al., titled: "FLAG: feature learning with additional guidance for person search".
4. Qi Zhu et al., titled: "An effective recognition approach for contactless palm print".
5. Azadeh Montazeri et al., titled: "MLK-SVD, the new approach in deep dictionary learning".

2 Special selection from VISIGRAPP 2019 Conference

We are happy to present 2 selected papers from the conference VISIGRAPP 2019, chaired by Jose Braz from Portugal

1. Felix Gaisbauer et al., titled: "Combining heterogeneous digital human simulations: presenting a novel co-simulation approach for incorporating different character animation technologies".
2. Bedrich Benes et al., titled: "Character motion in function space".

3 Special selection from CYBERWORLDS 2019 Conference

We are happy to present 2 selected papers from the CYBERWORLDS 2019 Conference, chaired by Alexei Sourin, NTU, Singapore

1. Xingce Wang et al., titled: "3D skull and face similarity measurements based on a harmonic wave kernel signature".
2. Xiaoyang Mao et al., titled: "Matching a composite sketch to a photographed face using fused HOG and deep feature models".

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4 Regular papers

The following 6 papers have been submitted as regular papers to the Visual Computer

1. Naoki Kita et al., titled: "Computational design of poly-omino puzzles" (also presented at CGI2020 conference).
2. Mehdi Ayadi et al., titled: "A skyline-based approach for mobile augmented reality".
3. Hongbo Huang et al., titled: "YOLO-face: a real-time face detector".
4. Jinlong Shi et al., titled: "A self-supervised method of single-image depth estimation by feeding forward information using max-pooling layers".
5. Nam Kim et al., titled: "Efficient object tracking using hierarchical convolutional features model and correlation filters".
6. Selçuk Aslan et al., titled: "Modified artificial bee colony algorithms for solving multiple circle detection problem".

5 Corrections

We mention three corrections to the following papers:

1. Kwnag Ko et al., Correction to: Automated recognition of 3D pipelines from point clouds.
2. Jianping Hu et al., Correction to: Robust and blind image watermarking via circular embedding and bidimensional empirical mode decomposition.
3. Yan Jin et al., Correction to: Low-dose CT lung images denoising based on multiscale parallel convolution neural network.

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