Preface (Vol 37, issue 6)

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The Visual Computer is a popular journal as it receives more than 1200 submissions a year. About 20% of the submissions are accepted for publication. In addition, the Visual Computer is hosting a few special issues, among them the Computer Graphics Conference special issue. To accelerate the publication of the regular accepted papers published online, this issue contains 24 papers.

In this issue, we present the following 24 regular papers:

1. Beatriz Remeseiro et al., titled: “Automatic classification of retinal blood vessels based on multilevel thresholding and graph propagation”
2. Danushka Madhuranga et al., titled: “Real-time multimodal ADL recognition using convolution neural networks”
3. Jian-Feng Shi et al., titled: “Real-time saliency detection for greyscale and colour images”
4. Xuezhi Yan et al., titled: “Improving the tactile perception of image textures based on adjustable amplitude, frequency, and waveform”
5. Christos Veinidis et al., titled: “What we see in a photograph: content selection for image captioning”
6. Haima Yang et al., titled: “Improved human action recognition approach based on two-stream convolutional neural network model”
7. Lukui Shi et al., titled: “Automatic detection of pulmonary nodules in CT images based on 3D Res-I network”
8. Rohit Agarwal et al., titled: “Local binary hexagonal extrema pattern (LBHXEP): a new feature descriptor for fake iris detection”
9. Julien Couillaud et al., titled: “Radiometric model for plenoptic image formation”
10. Kwang Ko et al., titled: “Automated recognition of 3D pipelines from point clouds”
11. Kapil Sharma et al., titled: “Novel approach for multimodal feature fusion to generate cancelable biometric”
12. Jie Yang et al., titled: “Multi-frame feature-fusion-based model for violence detection”
13. A. Ouafdi et al., titled: “Adaptive estimation of Hodge star operator on simplicial surfaces”
14. Kangning Yang et al., titled: “Benchmarking commercial emotion detection systems using realistic distortions of facial image datasets”
15. Yanan Wang et al., titled: “A contour self-compensated network for salient object detection”
16. Sonal Kukreja et al., titled: “Extended visual cryptography-based copyright protection scheme for multiple images and owners using LBP–SURF descriptors”
17. Dhanalakshmi Samiappan et al., titled: “Underwater image compression using energy based adaptive block compressive sensing for IoUT applications”
18. Majuran Shajini et al., titled: “An improved landmark-driven and spatial-channel attentive convolutional neural network for fashion clothes classification”
19. Rimjhim Singh et al., titled: “Instance-vote-based motion detection using spatially extended hybrid feature space”
20. N. Aboutabit et al., titled: “A new construction of an image edge detection mask based on Caputo–Fabrizio fractional derivative”
21. Lin Huang et al., titled: “Detection of defects in voltage-dependent resistors using stacked-block-based convolutional neural networks”
22. Huiqian Du et al., titled: “(SARN)spatial-wise attention residual network for image super-resolution”
23. Wanda Benesova et al., titled: “Effects of individual’s emotions on saliency and visual search”
24. Florian Scheidegger et al., titled: “Efficient image dataset classification difficulty estimation for predicting deep-learning accuracy”

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