## **PREFACE**



## Preface (Vol 37, Issue 3)

## Nadia Magnenat-Thalmann<sup>1</sup>

Accepted: 18 February 2021 / Published online: 3 March 2021 © The Author(s), under exclusive licence to Springer-Verlag GmbH, DE part of Springer Nature 2021

In this issue, we have 15 papers:

The first paper is written by Rafal Kapela et al., titled: "Restricted Boltzmann machine as an aggregation technique for binary descriptors".

The second paper is from Weidong Zhu et al., titled: "A semi-supervised deep learning approach for circular hole detection on composite parts".

The third paper is from Munish Kumar et al., titled: "2D-human face recognition using SIFT and SURF descriptors of face's feature regions".

The fourth paper is from Stephen France et al., titled: "A review, framework, and R toolkit for exploring, evaluating, and comparing visualization methods".

The fifth paper is from Lianen Ji et al., titled: "Multi-level and multi-perspective visual correlation analysis between general courses and program courses".

The sixth paper is from Mofei Song et al., titled: "A personalized active method for 3D shape classification".

The seventh paper is written by Guohua Liu et al., titled: "Fabric defect detection based on information entropy and frequency domain saliency".

The eighth paper is written by Zhengyi Liu et al., titled: "Multi-level progressive parallel attention guided salient object detection for RGB-D images".

The ninth paper is written by Xingyuan Wang et al., titled: "A new one-dimensional cosine polynomial chaotic map and its use in image encryption".

The tenth paper is from Sverker Rasmuson et al., titled: "A low-cost, practical acquisition and rendering pipeline for real-time free-viewpoint video communication".

The eleventh paper is from Enzeng Dong et al., titled: "A robust tracking algorithm with on online detector and high-confidence updating strategy".

The twelfth paper is from Shukuan Lin et al., titled: "Partial tracking method based on siamese network".

The thirteenth paper is from Kangkan Wang et al., titled: "Dynamic human body reconstruction and motion tracking with low-cost depth cameras".

The fourteenth paper is from Bo Yang et al., titled: "Subspace-based multi-view fusion for instance-level image retrieval".

The fifteenth paper is from Manas Senapati et al., titled: "Estimating the fractal dimension of images using pixel range calculation technique".

Nadia Magnenat Thalmann Editor-in-Chief, the Visual Computer

**Publisher's Note** Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.



MIRALab-CUI, University of Geneva, Building A, 7, Route de Drize, 1227 BattelleCarouge, Geneva, Switzerland