Preface

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In this issue, we have two papers from the 8th Eurographics Workshop on 3D Object Retrieval (3DOR 2015) held on 02 May 2015–03 May 2015 in Zurich, Switzerland, two papers from the International Conference on Virtual Reality and Visualization (ICVRV 2015) held on 17 October 2015–18 October 2015 in Xiamen, China, and five regular papers.

The first paper has been selected from the workshop 3DOR 2015 and titled “Persistent homology to analyse 3D faces and assess body weight gain” by Daniela Giorgi, M. Antonietta Pascali, Sara Colantonio and Ovidio Salvetti from National Research Council of Italy, Italy, and Pedro Henriquez and Bogdan J. Matuszewski from University of Central Lancashire, UK.

The second paper from 3DOR 2015 is titled “View Selection for Sketch-based 3D Model Retrieval Using Visual Part Shape Description” by Zahraa Yasseen and Anne Verroust-Blondet from Inria Paris, France, and Ahmad Nasri from National Council for Scientific Research, CNRS, Lebanon.

The third paper from the conference ICVRV 2015 is titled “A Geometric Control of Fire Motion Editing” by Xiaobing Feng, Dengming Zhu, Zhaoqi Wang and Yi Wei from Chinese Academy of Sciences, China.

The fourth paper from ICVRV 2015 is titled “A Novel Surface Tension Formulation for SPH Fluid Simulation” by Meng Yang, Xiaosheng Li, Youquan Liu, Gang Yang and Enhua Wu from Beijing Forestry University, Chinese Academy of Sciences, University of Macau and Chang’an University, China.

The 5 next papers described are regular submitted papers. The first regular paper is titled “Two-dimensional shape retrieval using the distribution of extrema of Laplacian eigenfunctions” by Dongmei Niu, Yuanfeng Zhou and Caiming Zhang from Shandong University, China, Peer-Timo Bremer and Peter Lindstrom from Lawrence Livermore National Laboratory, USA, and Bernd Hamann from University of California, Davis, USA.

The second regular paper is “Focused augmented mirror based on human visual perception” by Jae Seok Jang, Soo Ho Choi, Gi Sook Jung and Soon Ki Jung from Kyungpook National University, Korea.

The third regular paper is “Tactile modeling and rendering image-textures based on electrovibration” by Saiwen Wu, Xiaoying Sun, Qinglong and WangJian Chen from Jilin University, China.

The fourth regular paper is “Hierarchical feature concatenation-based kernel sparse representations for image categorization” by Bo Wang, Jichang Guo, Yan Zhang and Chongyi Li from Tianjin University, China.

The fifth regular paper is “An evolutionary learning based fuzzy theoretic approach for salient object detection” by Aditi Kapoor, K. K. Biswas and M. Hanmandlu from Indian Institute of Technology, Delhi, India.

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