Preface

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In this issue, we have three regular papers followed by seven papers from CVM 2015.

The first regular paper is titled “Efficient robust filtering technique for blocking artifacts reduction” by Sema Koc Kayhan from University of Gaziantep in Turkey.

The second paper is “Modeling 3D synthetic view dissimilarity” by Shanghong Zhao and Wei Tsang Ooi from the National University of Singapore in Singapore.

The third paper is “Image-based styling” by Dieter Hildebrandt from University of Potsdam in Germany.

The remaining papers are part of the special issue CVM2015 as described in the preface below.

Nadia Magnenat-Thalmann
Editor-in-Chief

Preface to the Special Issue on CVM2015

With the increasingly rapid development of information and communication technologies from high-speed internet to mobile phones and digital cameras, visual media data are now widely available in huge amounts, and great variety, yielding significant challenges and opportunities for novel processing schemes of visual information, as well as their commercial applications.

The Computational Visual Media Conference 2015 (CVM 2015) is the third edition in a new conference series, providing a major international forum for exchanging novel

research ideas and significant practical results both, enabling and applying visual media. The primary intention for this new conference series is to stimulate cross disciplinary research which amalgamates aspects of computer graphics, computer vision, machine learning, image processing, video processing, visualization and geometric computing. Original research is sought in all areas concerned with the classification, composition, retrieval, synthesis, analysis, and understanding of visual media.

Following the success of previous CVM conferences, CVM 2015 has attracted broad attention from researchers worldwide. A total of 66 technical papers were submitted and reviewed by an international program committee with 44 experts and 18 additional reviewers. From those submissions, 27 papers were accepted for oral presentation.

Among those 27 papers, 7 outstanding papers have been selected for inclusion in this special issue. Their topics cover a wide spectrum from image denoising, images stylization, face verification, and text balloons extraction in manga image, to mesh cloning, fluids simulation and multivariate volume visualization.

We hope that readers will enjoy this special issue. We are grateful to all the paper authors and paper reviewers for their valuable contributions, and Professor Nadia Magnenat-Thalmann for her great support.

Shi-Min Hu, Leif Kobbelt
Editors of the Special Issue on CVM2015

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