Preface

We welcome you to the proceedings of CCIW 2017, the Computational Color Imaging Workshop, held in Milan, Italy, during March 29–31, 2017.

This sixth CCIW was organized by the University of Milan-Bicocca, with the endorsement of the International Association for Pattern Recognition (IAPR), the Gruppo Italiano Ricercatori in Pattern Recognition (GIRPR), and the Gruppo del Colore (GdC).

The aim of the workshop was to bring together engineers and scientists of various imaging companies and research laboratories from all over the world, to discuss diverse aspects of their latest work, ranging from theoretical developments to practical applications in the field of color imaging, as well as color image processing and analysis.

Since the First Computational Color Imaging Workshop organized in 2007 in Modena, Italy, CCIW has been an inspiration for researchers and practitioners in the fields of digital imaging, multimedia, visual communications, computer vision, and consumer electronics who are interested in the fundamentals of color image processing and its emerging applications.

For CCIW 2017 there were many excellent submissions of high scientific level. Each paper was peer reviewed by at least two reviewers. Only the 20 best papers were selected for presentation at the workshop. The final decision for the paper selection was based on the criticisms and recommendations of the reviewers, and the content relevance of papers to the goals of the workshop. In addition to the submitted papers, four distinguished researchers were invited to this sixth CCIW to present keynote speeches.

In this 6th Computational Color Imaging Workshop, challenging issues and open problems not sufficiently addressed in the state of the art were addressed. In the following, we summarize issues and problems that were covered by the papers accepted for CCIW 2017, the invited speeches, and the tutorials.

CCIW 2017 started on March 29, 2017, with four tutorials:

- Material Appearance by S. Tominaga
- Color Texture Analysis and Classification by F. Bianconi, C. Cusano, and P. Napoletano
- Review of Systems Coupling Multispectral Imaging and 3D Imaging by A. Tremeau

The three invited talks were hosted over the next two days:

- On Gloss and the Appearance of Color by A. Gijsenij
- Computational Print Control by J. Morovic [14]


March 2017

Simone Bianco
Raimondo Schettini
Shoji Tominaga
Alain Tréméau
References


21. Tatiana Vitorino, Andrea Casini, Costanza Cucci, Marcello Picollo, and Lorenzo Stefani. When it is not only about color: the importance of hyperspectral imaging applied to the investigation of paintings. *Proceedings of the 6th International Workshop CCIW 2017*.


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