# IAPR CCIW 2013



# The Fourth Computational Color Imaging Workshop Chiba, Japan, 3-5 March 2013

The IAPR workshop series on Computation Color Imaging is a premier international forum for research in color image processing, color image quality assessment, color vision modeling, and color image reproduction. The fourth Computational Color Imaging Workshop will be held in Chiba, Japan, with the endorsement of IAPR.

The scientific program of the conference will consist of both invited talks by distinguished speakers and contributions by participants. All papers will receive a peer-review. Accepted papers will be included in the Springer LNCS. Submission implies that at least one author per paper will register and present the paper at the workshop.

#### **Important Dates**

Paper submission deadline October 8, 2012 (Extended)

Notification of paper acceptance November 30, 2012 Camera-ready deadline December 15, 2012

#### **Topics**

Planning this workshop, the organizers would like to focus on the methods and applications of digital color image processing and analysis. The workshop is intended for researchers and practitioners in the digital imaging, multimedia, visual communications, computer vision, and consumer electronic industry, who are interested in the fundamentals of color image processing and its emerging applications. Papers of current interest are invited to any of the areas listed bellow:

Computational color vision models

·Perceptual color image processing

·Bio-inspired color image/video processing

·Color image capturing

·Color data compression and encoding

·Color image/video indexing and retrieval

Semantic analysis of color images

•Color image filtering and enhancement

·Color invariance and color constancy

·Color texture analysis/synthesis

·Color image/video content protection

·Color image/video quality assessment

·Color image/video reproduction

·Color image/video saliency

· Multi-spectral image analysis and rendering

·Color naming and application

Spatiotemporal color image processing

•Color science and technology for art

• Facial color image analysis/synthesis

·Color image applications and future trend

## Workshop Organizers/Chairs

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### Workshop Program Committee

Jan Allebach, (USA) Francisco Imai, (USA) Konstantinos N. Plataniotis, (Canada)

Sebastiano Battiato, (Italy) Hiroaki Kotera, (Japan) Yong Man Ro, (Korea) Simone Bianco, (Italy) Chaker Larabi, (France) Gaurav Sharma, (USA) Brian Funt, (Canada) Byung-Uk Lee, (Korea) Bogdan Smolka, (Poland) Francesca Gasparini, (Italy) Sang Wook Lee, (Korea) Pei-Li Sun, (Taiwan) Theo Gevers, (Netherlands) Lindsay W. MacDonald, (UK) Johji Tajima, (Japan) Yeong-Ho Ha, (Korea) Yoshitsugu Manabe, (Japan) Maria Vanrell, (Spain) Joost van de Weijer, (Spain) Javier Hernández-Andrés, (Spain) Jan Morovic, (Spain) Geoff J. Woolfe, (Australia) Keigo Hirakawa, (USA) Damien Muselet, (France)

Takahiko Horiuchi, (Japan)

Katsushi Ikeuchi, (Japan)

Juan Luis Nieves, (Spain)

Jussi Parkkinen, (Malaysia)

Papers should be between 10 to 15 pages (approximately 4000 to 6000 words) and prepared in accordance with the Springer LNCS format. Detailed instructions for authors are available on the LNCS website at http://www.springer.de/comp/lncs/authors.html . All papers will receive a peer-review. The proceedings will be prepared for the workshop attendees.