

## **WORKSHOP on COLOUR AND MULTISPECTRAL IMAGING**

International workshop co-located with:

The 8th International Conference on SIGNAL IMAGE TECHNOLOGY & INTERNET BASED SYSTEMS, (SITIS 2012), Sorrento - Naples, Italy, 25-29 November 2012

For the second year now, there will be a Color and Multispectral Imaging Workshop hosted by the 8th International Conference on SIGNAL IMAGE TECHNOLOGY & INTERNET BASED SYSTEMS, beside the two main tracks on Internet-Based Computing and Systems and on Signal and Image Technologies. The steering committee cordially invites you to submit your work to this unique event to be held in Sorrento, Italy.

This year, we would like to emphasize discussions on colour and multispectral information on/through the internet, which includes, but is not limited to, cross-media color and multispectral reproduction, visualization and sharing of spectral data through the web, etc. Demonstration of new and relevant technologies hardware and software are welcomed.

### **TOPICS:**

- Colour, multispectral and 3D information on and through the internet
- Colour and multispectral cross-media reproduction
- Colour Difference Measurement
- Colour Spaces Analysis and Visualization
- Colour Appearance Models
- Colour in Pattern Recognition
- Colour for Image Retrieval and Database
- Colour and Multispectral Processing in Digital Cameras: Demosaicing and Filters Optimization
- Colour Image Segmentation
- Colour Image Quality
- Colour in Medical Image Processing
- Colour Video Compression
- Colour Vision
- Device Calibration, Characterization and Modeling
- Digital Colour Applications in Art
- New Metrics and Human Visual System
- New Spectral Sensor and Applications
- Saliency in colour and multispectral images
- Spectral Image Capture, Processing, and Analysis
- Spectral Image Quality
- Spectral Optimization of Light Sources and Displays
- Spectral Image Applications
- Video Processing

### **Workshop organizers**

JB THOMAS, University of Burgundy  
P GOUTON, University of Burgundy

## **Important dates**

Submission deadline: September 21, 2012 (midnight, Pacific Standard Time)

Author notification: October 3, 2012

Camera-ready: October 10, 2012

Author registration: October 15, 2012

Workshop date: November 28, 2012

## **Submission guidelines**

All submissions should be in IEEE conference style and PDF format. Papers may not exceed 8 pages. Two extra pages can be purchased. Paper submission will only be online via: Easy Chair:

<https://www.easychair.org/account/signin.cgi?timeout=1;conf=sitis2012>

The online system will be used to handle and process all papers and to prepare for the final proceedings. All submitted papers will be carefully evaluated based on originality, significance, technical soundness, and clarity of expression by at least two reviewers. The organizers will examine the reviews and make final paper selections. More details about the submission process can be found on the conference website.

## **Publication**

Accepted papers will be included in the conference proceedings and published by IEEE Computer Society and referenced in IEEE explore and major indexes. The proceedings will be available at the conference. Extended version of selected accepted papers will be considered for publication in major journals.

## **Registration**

At least one author of each accepted paper must register for the workshop. Registration must be done on the SITIS website at the time when the author sends the camera-ready copy of the accepted paper to the workshop chair. Workshop registration fee is determined by SITIS. A single registration for the workshop or the conference allows to attend both events.