

# 2012 IEEE International Conference on Image Processing

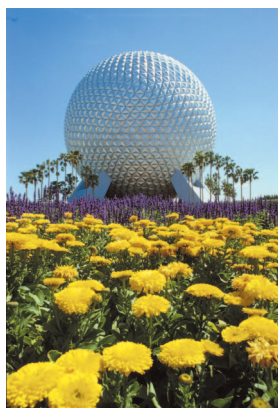
Disney's Coronado Springs Resort, Lake Buena Vista, Florida, U.S.A.

September 30-October 3, 2012

## CALL FOR PAPERS



© Disney



© Disney



© Disney



© Disney

The International Conference on Image Processing (ICIP), sponsored by the IEEE Signal Processing Society, is the premier forum for the presentation of technological advances and research results in the fields of theoretical, experimental, and applied image and video processing. ICIP-2012, the nineteenth in the series that has been held annually since 1994, will bring together leading engineers and scientists in image and video processing from around the world. Research frontiers in fields ranging from traditional image processing applications to evolving multimedia and video technologies are regularly advanced by results first reported in ICIP technical sessions. Topics include, but are not limited to:

- **Image/video coding and transmission:** Still image and video coding, stereoscopic and 3-D coding, distributed source coding, source/channel coding, image/video transmission over wireless networks
- **Image/video processing:** Image and video filtering, restoration and enhancement, image segmentation, video segmentation and tracking, morphological processing, stereoscopic and 3-D processing, feature extraction and analysis, interpolation and super-resolution, motion detection and estimation, color and multispectral processing, biometrics
- **Image formation:** Biomedical imaging, remote sensing, geophysical and seismic imaging, optimal imaging, synthetic-natural hybrid image systems
- **Image scanning, display, and printing:** Scanning and sampling, quantization and halftoning, color reproduction, image representation and rendering, display and printing systems, image quality assessment
- **Image/video storage, retrieval, and authentication:** Image and video databases, image and video search and retrieval, multimodality image/video indexing and retrieval, authentication and watermarking
- **Applications:** Biomedical sciences, mobile imaging, geosciences and remote sensing, astronomy and space exploration, document image processing and analysis, other applications

Paper Submission: Prospective authors are invited to submit papers of not more than four (4) pages including results, figures and references. Papers will be accepted only by electronic submission at [www.icip2012.com](http://www.icip2012.com).

Submission of papers: **January 12, 2012**

Notification of acceptance: **April 17, 2012**

Submission of camera-ready papers: **May 18, 2012**

**Tutorials:** Tutorials will be held on September, 30, 2012. Brief proposals should be submitted by January 9, 2012 to Prof. Lina Karam and Prof. Andreas Savakis at the conference web site. Proposals for tutorials must include a title, an outline of the tutorial and its motivation, a short description of the material to be covered, contact information including name, affiliation, email, and mailing address for each presenter, and a two-page CV for each presenter.

**Special Sessions:** Special sessions proposals should be submitted by December 2, 2011, to Prof. David Taubman at the conference web site. Proposals for special sessions must include a topical title, rationale, session outline, contact information for the session chair(s) and authors who have agreed to present a paper in the session, and a tentative title and abstract of each paper.

Special sessions proposals due: **December 2, 2011**

Notification of special sessions acceptance: **December 23, 2011**

Tutorial proposal due: **January 9, 2012**

Notification of tutorial acceptance: **February 13, 2012**

[www.icip2012.com](http://www.icip2012.com)

### General Chair

Prof. Eli Saber  
*Rochester Institute of Technology*

### Technical Program Chairs

Prof. Sheila Hemami  
*Cornell University*  
Prof. Gaurav Sharma  
*University of Rochester*

### Finance Chair

Prof. Sohail Dianat  
*Rochester Institute of Technology*

### Plenary Chair

Prof. Dan Schonfeld  
*University of Illinois at Chicago*

### Tutorials Chairs

Prof. Lina Karam  
*Arizona State University*  
Prof. Andreas Savakis  
*Rochester Institute of Technology*

### Special Sessions Chair

Prof. David Taubman  
*University of South Wales*

### Publications Chairs

Dr. Raghuvver Rao  
*Army Research Labs*  
Dr. Prudhvi Gurram  
*MBO Partners*

### Publicity Chairs

Prof. Keigo Hirakawa  
*University of Dayton*  
Dr. Farhan Baqai  
*Apple Inc.*

### Industrial Program Chairs

Dr. Khaled El-Maleh  
*Qualcomm Inc.*  
Dr. Amir Said  
*Hewlett-Packard Laboratories*

### Exhibits Chairs

Dr. Amit Singhal  
*Eastman Kodak*  
Dr. Yaowu Xu  
*Google*

### Awards Chair

Dr. John Apostolopoulos  
*Hewlett-Packard Laboratories*

### Local Arrangements Chair

Prof. Hassan Foroosh  
*University of Central Florida*

### International Liaisons

Prof. Murat Tekalp  
*Koc University*  
Prof. Alex Kot  
*Nanyang Technological University*  
Prof. Ricardo de Queiroz  
*Universidade de Brasilia*

### IEEE Orlando

Prof. Xun Gong  
*University of Central Florida*

### Conference Management

Ms. Billene Mercer  
*Conference Management Services, Inc.*

