



call for papers

# International Conference on Image Processing

October 8-11, 2006

Atlanta, GA, USA

Marriott Marquis

265 Peachtree Center Ave

## General Chair

Monson Hayes  
Georgia Institute of Technology

## Technical Chair

Yucel Altunbasak  
Georgia Institute of Technology

## Special Sessions

Ghassan AlRegib  
Georgia Institute of Technology

## Tutorials

Stanley Reeves  
Auburn University

## Finance Chair

Mark Richards  
Georgia Institute of Technology

## Publicity

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Georgia Institute of Technology

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Delft University of Technology

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University of Tokyo

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## Conference Management

Billene Mercer  
Conference Management Services

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-2006, the 13<sup>th</sup> in the series that has been held annually since 1994, will bring together leading engineers and scientists in image 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 coding, video coding, stereoscopic and 3-D coding, distributed source coding, image/video transmission

**Image/video processing:** Image 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, implementation and systems

**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 indexing and retrieval, video indexing, retrieval and editing, multimodality image/video indexing and retrieval, authentication and watermarking

**Applications:** Biomedical sciences, geosciences and remote sensing, document image processing and analysis, other applications

**Tutorials** will be held on Sunday, October 8, 2006. Proposals for tutorials must include a title, an outline of the tutorial and its motivation, a two-page C.V. of the presenter(s), and a short description of the material to be covered. Proposals for tutorials should be submitted to Stan Reeves (sjreeves@eng.auburn.edu) before December 9, 2005.

ICIP-2006 will include a number of **special sessions**. Proposals for special sessions must include a title, rationale, session outline, contact information for the session chair, a list of authors who have agreed to present a paper in the session, and a tentative title and abstract of each paper. Proposals for special sessions should be submitted to Ghassan AlRegib (gregib@ece.gatech.edu) before November 28, 2005. Prospective organizers are strongly encouraged to contact Dr. AlRegib in advance.

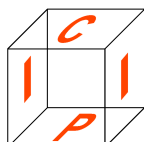
[www.icip2006.org](http://www.icip2006.org)

**Prospective authors** are invited to submit extended summaries of not more than four (4) pages including results, figures and references. Papers will be accepted only by electronic submission through the conference web site.

**Submission of extended summary:**  
Monday, January 16, 2006

**Notification of acceptance:**  
Monday, April 17, 2006

**Submission of camera-ready papers:**  
Wednesday, May 17, 2006



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