ICIP 2006

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
Aaron Lanterman
Georgia Institute of Technology

Publications
Chris Barnes
Georgia Institute of Technology

European Liaison
Inald Lagendijk
Delft University of Technology

Far East Liaison
Kiyoharu Aizawa
University of Tokyo

Webmaster
Ali Begen
Georgia Institute of Technology

Conference Management
Billene Mercer
Conference Management Services

www.icip2006.org

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 13th 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.
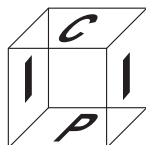
Prospective authors
are invited to submit extended summaries of not more than four (4) pages including results, figures and references. Papers will be accepted only by electronic submission through the conference web site.

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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