# CALL FOR PAPERS: ISBI'06

# 2006 IEEE International Symposium on Biomedical Imaging: From Nano to Macro


**General Chair**
Jelena Kovacevic
Carnegie Mellon University
USA

**Program Chair**
Erik Meijering
Erasmus MC
The Netherlands

**Tutorials**
Andrew Laine
Columbia University
USA

**Special Sessions**
Dana Brooks
Northeastern University
USA

**Exhibits**
Jong Chul Ye
Korea Advanced Institute of Science and Technology
Korea

**Finances**
Robert F. Murphy
Carnegie Mellon University
USA

**Publications**
Alejandro Frangi
Pompeu Fabra University
Spain

**Local Arrangements**
Murray Loew
George Washington University
USA

**NIH Liaison**
Yantian Zhang
NIH/NIBIB
USA

**Venue**
Crystal Gateway Marriott
Arlington, Virginia
USA


You are cordially invited to participate in the Third IEEE International Symposium on Biomedical Imaging (ISBI'06), to be held **April 6-9, 2006**, in Arlington, Virginia, USA. With well over 600 attendees in 2004, this meeting continues to play a leading role in facilitating interaction between researchers in medical and biological imaging. Fostering cross-fertilization between different imaging communities, it aims to contribute to an integrative approach to biomedical imaging across all scales of observation.

ISBI is a joint initiative of the IEEE Signal Processing Society (SPS) and the IEEE Engineering in Medicine and Biology Society (EMBS), in cooperation with the National Institute of Biomedical Imaging and Bioengineering (NIBIB). The 2006 meeting will feature an opening morning of tutorials and short courses, followed by a strong scientific program of plenary talks and special sessions as well as oral and poster presentations of peer-reviewed contributed papers.

High-quality papers are solicited containing original contributions to the mathematical, algorithmic and computational aspects of biomedical imaging, from nano- to macroscale. Topics of interest include physical, biological and statistical modeling, image formation and reconstruction, computational and statistical image processing and analysis, visualization, and image quality assessment. Papers on all molecular, cellular, anatomical and functional imaging modalities and applications are welcomed. All accepted papers will be published in the proceedings of the symposium and will afterwards also be made available online through the IEEExplore database.

**Important dates**

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| Deadline for submission of 4-page paper: | **November 15, 2005** |
| Notification of acceptance/rejection: | **January 10, 2006** |
| Submission of final accepted 4-page paper: | **February 1, 2006** |
| Deadline for early registration: | **February 1, 2006** |


**Program Committee**
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**Symposium Website**
http://www.biomedicalimaging.org/

**More Information**
isbi2006-info@ieee.org