

ISBI 2006 Program Overview – Thursday, April 6 and Friday, April 7

Rooms	Track 1	Track 2	Track 3	Track 4
Registration	Grand Ballroom Foyer			
Breaks	Grand Ballroom Foyer			
Reception	Salon B/C/J/H			
Banquet	The Corcoran Gallery of Art			
Plenaries	Salon B/C/J/H			
Tutorials	Salon B	Salon C	Salon J	Salon H
Orals	Salon B	Salon C	Salon J	Salon H
Specials			Salon J	Salon H
Posters	Salon A	Salon K	Salon D/E	Salon F/G

Thursday, April 6

07:00 - 18:00	Registration			
08:00 - 10:00	TH-AM-TS1 Part I Recent Advances in Medical Ultrasound: Elasticity Imaging and Therapeutics	TH-AM-TS2 Part I Sampling and Interpolation for Biomedical Imaging	TH-AM-TS3 Part I Iterative Methods for Image Reconstruction	TH-AM-TS4 Part I Live Cell Microscopy Imaging
10:00 - 10:30	Break			
10:30 - 12:30	TH-AM-TS1 Part II Recent Advances in Medical Ultrasound: Elasticity Imaging and Therapeutics	TH-AM-TS2 Part II Sampling and Interpolation for Biomedical Imaging	TH-AM-TS3 Part II Iterative Methods for Image Reconstruction	TH-AM-TS4 Part II Live Cell Microscopy Imaging
12:30 - 13:30	Lunch (Not provided)			
13:30 - 13:50	Opening Remarks			
13:50 - 14:50	Plenary Talk: Rakesh Jain Molecular, Cellular, Anatomical and Functional Imaging of Tumors In Vivo: From Bench to Bedside and Back			
14:50 - 15:20	Break			
15:20 - 16:40	TH-PM-PS1 MRI Reconstruction and Analysis	TH-PM-PS2 Diffusion Tensor Imaging	TH-PM-PS3 Cardiac and Vascular Imaging (Salon D-G)	TH-PM-SS1 Part I Computer Vision for Systems Biology
16:40 - 18:00	TH-PM-OS1 Atlases and Nonrigid Image Registration	TH-PM-OS2 Ultrasound Imaging and Restoration	TH-PM-OS3 MEG and EEG Imaging	TH-PM-SS1 Part II Computer Vision for Systems Biology
18:00 - 19:00	Accelerating Clinical Translation of Biomedical Imaging: A NIBIB/NIH Supported Expert Panel Discussion Session (Salon V)			
19:00 - 21:00	Reception (Salon B/C/J/H)			

Friday, April 7

07:00 - 18:00	Registration			
08:00 - 09:00	Plenary Talk: Peter Hunter Computational Physiology and the Physiome Project			
09:00 - 09:30	Break			
09:30 - 10:50	FR-AM-OS1 Part I PET and SPECT Image Reconstruction	FR-AM-OS2 Part I Image Segmentation and Shape Analysis	FR-AM-SS1 Progress on the Diffusion Tractography Problem	FR-AM-SS2 Part I Molecular Imaging
10:50 - 11:10	Break			
11:10 - 12:30	FR-AM-OS1 Part II PET and SPECT Image Reconstruction	FR-AM-OS2 Part II Image Segmentation and Shape Analysis	FR-AM-OS3 Image Guided Diagnosis, Surgery and Therapy	FR-AM-SS2 Part II Molecular Imaging
12:30 - 13:30	Lunch (Not provided)			
13:30 - 14:50	FR-PM-PS1 Atlas and Model Based Image Segmentation	FR-PM-PS2 Image Registration	FR-PM-PS3 Image Guided Diagnosis, Surgery and Therapy	FR-PM-PS4 Cellular and Molecular Image Analysis
14:50 - 16:10	FR-PM-OS1 Part I Optical and Infrared Imaging	FR-PM-OS2 Part I Cardiac and Vascular Imaging	FR-PM-OS3 Part I Image Registration	FR-PM-SS1 Multimodality Imaging
16:10 - 16:40	Break			
16:40 - 18:00	FR-PM-OS1 Part II Optical and Infrared Imaging	FR-PM-OS2 Part II Cardiac and Vascular Imaging	FR-PM-OS3 Part II Image Registration	FR-PM-SS2 Open-Source Software
19:00 - 22:00	Banquet			

ISBI 2006 Program Overview – Saturday, April 8 and Sunday, April 9

Rooms	Track 1	Track 2	Track 3	Track 4
Registration	Grand Ballroom Foyer			
Breaks	Grand Ballroom Foyer			
Reception	Salon B/C/J/H			
Banquet	The Corcoran Gallery of Art			
Plenaries	Salon B/C/J/H			
Tutorials	Salon B	Salon C	Salon J	Salon H
Orals	Salon B	Salon C	Salon J	Salon H
Specials			Salon J	Salon H
Posters	Salon A	Salon K	Salon D/E	Salon F/G

Saturday, April 8

07:00 - 18:00	Registration			
08:00 - 09:00	Plenary Talk: Brian Wandell Development and Plasticity in Visual Cortex			
09:00 - 09:30	Break			
09:30 - 10:50	SA-AM-OS1 Part I MRI Acquisition and Reconstruction	SA-AM-OS2 Part I Image Segmentation and Shape Analysis	SA-AM-OS3 Optical Microscopy Imaging	SA-AM-SS1 Part I Towards Vertical Integration of Biomedical Data
10:50 - 11:10	Break			
11:10 - 12:30	SA-AM-OS1 Part II MRI Acquisition and Reconstruction	SA-AM-OS2 Part II Image Segmentation and Shape Analysis	SA-AM-OS4 Diffusion Tensor Imaging	SA-AM-SS1 Part II Towards Vertical Integration of Biomedical Data
12:30 - 13:30	Lunch (Not provided)			
13:30 - 14:50	SA-PM-PS1 Image Registration	SA-PM-PS2 Ultrasound Imaging and Analysis	SA-PM-PS3 Functional, Dynamic and Parametric Imaging	SA-PM-PS4 Image Restoration and Enhancement
14:50 - 16:10	SA-PM-OS1 Part I Cellular and Molecular Image Analysis	SA-PM-OS2 Part I Functional Brain Imaging	SA-PM-OS3 Electrical Impedance Tomography	SA-PM-SS1 Part I The Use of Shape in Biomedical Image Formation, Modeling, and Analysis
16:10 - 16:40	Break			
16:40 - 18:00	SA-PM-OS1 Part II Cellular and Molecular Image Analysis	SA-PM-OS2 Part II Functional Brain Imaging	SA-PM-OS4 Multimodality and Novel Imaging Methods	SA-PM-SS1 Part II The Use of Shape in Biomedical Image Formation, Modeling, and Analysis

Sunday, April 9

07:00 - 11:00	Registration			
08:00 - 09:00	Plenary Talk: Claude Boccara Acousto-Optic Imaging in Perspective			
09:00 - 09:30	Break			
09:30 - 10:50	SU-AM-OS1 Biological Image Analysis	SU-AM-OS2 Shape Analysis	SU-AM-OS3 Tomography and Image Reconstruction	SU-AM-SS1 Optical Imaging From Ballistic to Diffusion Regimes
10:50 - 12:10	SU-AM-PS1 X-Ray CT, PET and SPECT Imaging	SU-AM-PS2 Optical Imaging and Analysis	SU-AM-PS3 Image Guided Detection and Diagnosis	SU-AM-PS4 Image Segmentation, Retrieval and Analysis
12:10 - 12:30	Closing Remarks			