



# 2007 IEEE International Symposium on Biomedical Imaging: From Nano to Macro

<b>Thursday, April 12 – Salon B</b>	
08:00 - 10:00	TH-AM-TS1 Part I: Biomedical Optical Imaging
10:00 - 10:30	Break
10:30 - 12:30	TH-AM-TS1 Part II: Biomedical Optical Imaging
12:30 - 13:30	Lunch (Not provided)
13:30 - 13:45	Opening Remarks (Salon B/C)
13:45 - 14:50	Plenary Talk: Elias Zerhouni (Salon B/C)
14:50 - 15:20	Break
15:20 - 16:40	Poster Sessions - Salons A/K & D/E/F/G
16:40 - 18:00	TH-PM-OS1: Cardiovascular Image Analysis
18:15 - 19:15	Workshop: Creating and Disseminating Large, Open Access, Annotated Biological Image Collections (Salon H)
19:15 - 21:15	Reception (Salon V/VI)
<b>Friday, April 13 – Salon B</b>	
08:00 - 09:00	Plenary Talk: Mark Henkelman (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:10	Session Change
11:10 - 12:30	FR-AM-OS1: Dynamic and Parametric Imaging
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	FR-PM-OS1: Image Segmentation
14:50 - 15:00	Break
15:00 - 16:20	FR-PM-OS4a: Image Registration (Part I)
16:20 - 16:40	Session Change
16:40 - 18:00	FR-PM-OS4b: Image Registration (Part II)
<b>Saturday, April 14 – Salon B</b>	
08:00 - 09:00	Plenary Talk: Katherine Ferrara (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:10	Session Change
11:10 - 12:30	SA-AM-OS1a: Ultrasound Imaging (Part I)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	SA-AM-OS1b: Ultrasound Imaging (Part II)
14:50 - 15:00	Break
15:00 - 16:20	SA-PM-OS1a: MR Image Acquisition (Part I)
16:20 - 16:40	Session Change
16:40 - 18:00	SA-PM-OS1b: MR Image Acquisition (Part II)
<b>Sunday, April 15 – Salon B</b>	
08:00 - 09:00	Plenary Talk: Ron Kikinis (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:00	Session Change
11:00 - 12:20	SU-AM-OS1: Image Registration
12:20 - 12:30	Closing Remarks (Salon B)



# 2007 IEEE International Symposium on Biomedical Imaging: From Nano to Macro

<b>Thursday, April 12 – Salon C</b>	
08:00 - 10:00	TH-AM-TS2 Part I: The Colored Revolution of Bio-imaging: New Opportunities for Signal Processing
10:00 - 10:30	Break
10:30 - 12:30	TH-AM-TS2 Part II: The Colored Revolution of Bio-imaging: New Opportunities for Signal Processing
12:30 - 13:30	Lunch (Not provided)
13:30 - 13:45	Opening Remarks (Salon B/C)
13:45 - 14:50	Plenary Talk: Elias Zerhouni (Salon B/C)
14:50 - 15:20	Break
15:20 - 16:40	Poster Sessions - Salons A/K & D/E/F/G
16:40 - 18:00	TH-PM-OS2: Shape Analysis
18:15 - 19:15	Workshop: Creating and Disseminating Large, Open Access, Annotated Biological Image Collections (Salon H)
19:15 - 21:15	Reception (Salon V/VI)
<b>Friday, April 13 – Salon C</b>	
08:00 - 09:00	Plenary Talk: Mark Henkelman (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:10	Session Change
11:10 - 12:30	FR-AM-OS2: fMRI Analysis
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	FR-PM-OS2: X-Ray, CT, PET, and SPECT Imaging
14:50 - 15:00	Break
15:00 - 16:20	FR-PM-OS5a: Image Segmentation (Part I)
16:20 - 16:40	Session Change
16:40 - 18:00	FR-PM-OS5b: Image Segmentation (Part II)
<b>Saturday, April 14 – Salon C</b>	
08:00 - 09:00	Plenary Talk: Katherine Ferrara (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:10	Session Change
11:10 - 12:30	SA-AM-OS2a: Image Segmentation (Part I)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	SA-AM-OS2b: Image Segmentation (Part II)
14:50 - 15:00	Break
15:00 - 16:20	SA-PM-OS2a: MEG and EEG Imaging (Part I)
16:20 - 16:40	Session Change
16:40 - 18:00	SA-PM-OS2b: MEG and EEG Imaging (Part II)
<b>Sunday, April 15 – Salon C</b>	
08:00 - 09:00	Plenary Talk: Ron Kikinis (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:00	Session Change
11:00 - 12:20	SU-AM-OS2: Computer-Aided Diagnosis
12:20 - 12:30	Closing Remarks (Salon B)



# 2007 IEEE International Symposium on Biomedical Imaging: From Nano to Macro

<b>Thursday, April 12 – Salon J</b>	
08:00 - 10:00	TH-AM-TS3 Part I: Source Localisation with EEG/MEG and EEG/fMRI
10:00 - 10:30	Break
10:30 - 12:30	TH-AM-TS3 Part II: Source Localisation with EEG/MEG and EEG/fMRI
12:30 - 13:30	Lunch (Not provided)
13:30 - 13:45	Opening Remarks (Salon B/C)
13:45 - 14:50	Plenary Talk: Elias Zerhouni (Salon B/C)
14:50 - 15:20	Break
15:20 - 16:40	Poster Sessions - Salons A/K & D/E/F/G
16:40 - 18:00	TH-PM-OS3: Iterative Tomographic Image Reconstruction
18:15 - 19:15	Workshop: Creating and Disseminating Large, Open Access, Annotated Biological Image Collections (Salon H)
19:15 - 21:15	Reception (Salon V/VI)
<b>Friday, April 13 – Salon J</b>	
08:00 - 09:00	Plenary Talk: Mark Henkelman (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:10	Session Change
11:10 - 12:30	FR-AM-OS3: Optical and Fluorescence Microscopy
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	FR-PM-OS3: Multimodality and Novel Imaging Methods
14:50 - 15:00	Break
15:00 - 16:20	FR-PM-OS6a: Image Restoration and Enhancement (Part I)
16:20 - 16:40	Session Change
16:40 - 18:00	FR-PM-OS6b: Image Restoration and Enhancement (Part II)
<b>Saturday, April 14 – Salon J</b>	
08:00 - 09:00	Plenary Talk: Katherine Ferrara (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:10	Session Change
11:10 - 12:30	SA-AM-SS1A: Model-Based Imaging (Part I)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	SA-AM-SS1b: Model-Based Imaging (Part II)
14:50 - 15:00	Break
15:00 - 16:20	SA-PM-SS1a: High-throughput Microscopy and the Bioinformatics of Cell Organization (Part I)
16:20 - 16:40	Session Change
16:40 - 18:00	SA-PM-SS1b: High-throughput Microscopy and the Bioinformatics of Cell Organization (Part II)
<b>Sunday, April 15 – Salon J</b>	
08:00 - 09:00	Plenary Talk: Ron Kikinis (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:00	Session Change
11:00 - 12:20	SU-AM-OS3: MR Spectroscopy
12:20 - 12:30	Closing Remarks (Salon B)



# 2007 IEEE International Symposium on Biomedical Imaging: From Nano to Macro

<b>Thursday, April 12 – Salon H</b>	
08:00 - 10:00	TH-AM-TS4 Part I: Feature Extraction and Classification
10:00 - 10:30	Break
10:30 - 12:30	TH-AM-TS4 Part II: Feature Extraction and Classification
12:30 - 13:30	Lunch (Not provided)
13:30 - 13:45	Opening Remarks (Salon B/C)
13:45 - 14:50	Plenary Talk: Elias Zerhouni (Salon B/C)
14:50 - 15:20	Break
15:20 - 16:40	Poster Sessions - Salons A/K & D/E/F/G
16:40 - 18:00	TH-PM-SS1: Image Analysis for 3D Cryo Microscopy
18:15 - 19:15	Workshop: Creating and Disseminating Large, Open Access, Annotated Biological Image Collections (Salon H)
19:15 - 21:15	Reception (Salon V/VI)
<b>Friday, April 13 – Salon H</b>	
08:00 - 09:00	Plenary Talk: Mark Henkelman (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:10	Session Change
11:10 - 12:30	FR-AM-SS1a: Computer-Aided Detection in Radiology: Current Status and Future Directions (Part I)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	FR-AM-SS1a: Computer-Aided Detection in Radiology: Current Status and Future Directions (Part II)
14:50 - 15:00	Break
15:00 - 16:20	FR-PM-SS1a: Cardiac Imaging and Analysis (Part I)
16:20 - 16:40	Session Change
16:40 - 18:00	FR-PM-SS1b: Cardiac Imaging and Analysis (Part II)
<b>Saturday, April 14 – Salon H</b>	
08:00 - 09:00	Plenary Talk: Katherine Ferrara (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:10	Session Change
11:10 - 12:30	SA-AM-SS2: Resolution and Localization: Challenges in Single Molecule Microscopy
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	SA-PM-SS2a: Image Guidance in Interventions (Part I)
14:50 - 15:00	Break
15:00 - 16:20	SA-PM-SS2b: Image Guidance in Interventions (Part II)
16:20 - 16:40	Session Change
16:40 - 18:00	SA-PM-SS2c: Image Guidance in Interventions (Part III)
<b>Sunday, April 15 – Salon H</b>	
08:00 - 09:00	Plenary Talk: Ron Kikinis (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	Poster Sessions - Salons A/K & D/E/F/G
10:50 - 11:00	Session Change
11:00 - 12:20	SU-AM-SS1: Adaptive Mesh Refinement Techniques in Biomedical Imaging
12:20 - 12:30	Closing Remarks (Salon B)



# 2007 IEEE International Symposium on Biomedical Imaging: From Nano to Macro

<b>Thursday, April 12 – Salon A</b>	
08:00 - 10:00	Tutorials Part I: (Salon B/C/H/J)
10:00 - 10:30	Break
10:30 - 12:30	Tutorials Part II: (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 13:45	Opening Remarks (Salon B/C)
13:45 - 14:50	Plenary Talk: Elias Zerhouni (Salon B/C)
14:50 - 15:20	Break
15:20 - 16:40	TH-PM-PS1: Image Registration
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
18:15 - 19:15	Workshop: Creating and Disseminating Large, Open Access, Annotated Biological Image Collections (Salon H)
19:15 - 21:15	Reception (Salon V/VI)
<b>Friday, April 13 – Salon A</b>	
08:00 - 09:00	Plenary Talk: Mark Henkelman (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	FR-AM-PS1: Cellular and Molecular Image Analysis
10:50 - 11:10	Session Change
11:10 - 12:30	Lecture Sessions (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	Lecture Sessions (Salon B/C/H/J)
14:50 - 15:00	Break
15:00 - 16:20	Lecture Sessions (Salon B/C/H/J)
16:20 - 16:40	Session Change
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
<b>Saturday, April 14 – Salon A</b>	
08:00 - 09:00	Plenary Talk: Katherine Ferrara (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	SA-AM-PS1: Image Registration
10:50 - 11:10	Session Change
11:10 - 12:30	Lecture Sessions (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	Lecture Sessions (Salon B/C/H/J)
14:50 - 15:00	Break
15:00 - 16:20	Lecture Sessions (Salon B/C/H/J)
16:20 - 16:40	Session Change
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
<b>Sunday, April 15 – Salon A</b>	
08:00 - 09:00	Plenary Talk: Ron Kikinis (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	SU-AM-PS1: Image-Guided Surgery and Therapy
10:50 - 11:00	Session Change
11:00 - 12:20	Lecture Sessions (Salon B/C/H/J)
12:20 - 12:30	Closing Remarks (Salon B)



# 2007 IEEE International Symposium on Biomedical Imaging: From Nano to Macro

<b>Thursday, April 12 – Salon K</b>	
08:00 - 10:00	Tutorials Part I: (Salon B/C/H/J)
10:00 - 10:30	Break
10:30 - 12:30	Tutorials Part II: (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 13:45	Opening Remarks (Salon B/C)
13:45 - 14:50	Plenary Talk: Elias Zerhouni (Salon B/C)
14:50 - 15:20	Break
15:20 - 16:40	TH-PM-PS2: Image Segmentation
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
18:15 - 19:15	Workshop: Creating and Disseminating Large, Open Access, Annotated Biological Image Collections (Salon H)
19:15 - 21:15	Reception (Salon V/VI)
<b>Friday, April 13 – Salon K</b>	
08:00 - 09:00	Plenary Talk: Mark Henkelman (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	FR-AM-PS2: Image Segmentation
10:50 - 11:10	Session Change
11:10 - 12:30	Lecture Sessions (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	Lecture Sessions (Salon B/C/H/J)
14:50 - 15:00	Break
15:00 - 16:20	Lecture Sessions (Salon B/C/H/J)
16:20 - 16:40	Session Change
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
<b>Saturday, April 14 – Salon K</b>	
08:00 - 09:00	Plenary Talk: Katherine Ferrara (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	SA-AM-PS2: Diffusion Tensor Imaging
10:50 - 11:10	Session Change
11:10 - 12:30	Lecture Sessions (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	Lecture Sessions (Salon B/C/H/J)
14:50 - 15:00	Break
15:00 - 16:20	Lecture Sessions (Salon B/C/H/J)
16:20 - 16:40	Session Change
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
<b>Sunday, April 15 – Salon K</b>	
08:00 - 09:00	Plenary Talk: Ron Kikinis (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	SU-AM-PS2: Image Segmentation
10:50 - 11:00	Session Change
11:00 - 12:20	Lecture Sessions (Salon B/C/H/J)
12:20 - 12:30	Closing Remarks (Salon B)



# 2007 IEEE International Symposium on Biomedical Imaging: From Nano to Macro

<b>Thursday, April 12 – Salon D/E</b>	
08:00 - 10:00	Tutorials Part I: (Salon B/C/H/J)
10:00 - 10:30	Break
10:30 - 12:30	Tutorials Part II: (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 13:45	Opening Remarks (Salon B/C)
13:45 - 14:50	Plenary Talk: Elias Zerhouni (Salon B/C)
14:50 - 15:20	Break
15:20 - 16:40	TH-PM-PS3: MR Image Reconstruction
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
18:15 - 19:15	Workshop: Creating and Disseminating Large, Open Access, Annotated Biological Image Collections (Salon H)
19:15 - 21:15	Reception (Salon V/VI)
<b>Friday, April 13 – Salon D/E</b>	
08:00 - 09:00	Plenary Talk: Mark Henkelman (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	FR-AM-PS3: Cardiovascular Image Analysis I
10:50 - 11:10	Session Change
11:10 - 12:30	Lecture Sessions (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	Lecture Sessions (Salon B/C/H/J)
14:50 - 15:00	Break
15:00 - 16:20	Lecture Sessions (Salon B/C/H/J)
16:20 - 16:40	Session Change
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
<b>Saturday, April 14 – Salon D/E</b>	
08:00 - 09:00	Plenary Talk: Katherine Ferrara (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	SA-AM-PS3: Tomography and Image Reconstruction
10:50 - 11:10	Session Change
11:10 - 12:30	Lecture Sessions (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	Lecture Sessions (Salon B/C/H/J)
14:50 - 15:00	Break
15:00 - 16:20	Lecture Sessions (Salon B/C/H/J)
16:20 - 16:40	Session Change
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
<b>Sunday, April 15 – Salon D/E</b>	
08:00 - 09:00	Plenary Talk: Ron Kikinis (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	SU-AM-PS3: Computer-Aided Diagnosis
10:50 - 11:00	Session Change
11:00 - 12:20	Lecture Sessions (Salon B/C/H/J)
12:20 - 12:30	Closing Remarks (Salon B)



# 2007 IEEE International Symposium on Biomedical Imaging: From Nano to Macro

<b>Thursday, April 12 – Salon F/G</b>	
08:00 - 10:00	Tutorials Part I: (Salon B/C/H/J)
10:00 - 10:30	Break
10:30 - 12:30	Tutorials Part II: (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 13:45	Opening Remarks (Salon B/C)
13:45 - 14:50	Plenary Talk: Elias Zerhouni (Salon B/C)
14:50 - 15:20	Break
15:20 - 16:40	TH-PM-PS4: PET and SPECT Image Reconstruction
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
18:15 - 19:15	Workshop: Creating and Disseminating Large, Open Access, Annotated Biological Image Collections (Salon H)
19:15 - 21:15	Reception (Salon V/VI)
<b>Friday, April 13 – Salon F/G</b>	
08:00 - 09:00	Plenary Talk: Mark Henkelman (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	FR-AM-PS4: fMRI Analysis
10:50 - 11:10	Session Change
11:10 - 12:30	Lecture Sessions (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	Lecture Sessions (Salon B/C/H/J)
14:50 - 15:00	Break
15:00 - 16:20	Lecture Sessions (Salon B/C/H/J)
16:20 - 16:40	Session Change
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
<b>Saturday, April 14 – Salon F/G</b>	
08:00 - 09:00	Plenary Talk: Katherine Ferrara (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	SA-AM-PS4: Cardiovascular Image Segmentation
10:50 - 11:10	Session Change
11:10 - 12:30	Lecture Sessions (Salon B/C/H/J)
12:30 - 13:30	Lunch (Not provided)
13:30 - 14:50	Lecture Sessions (Salon B/C/H/J)
14:50 - 15:00	Break
15:00 - 16:20	Lecture Sessions (Salon B/C/H/J)
16:20 - 16:40	Session Change
16:40 - 18:00	Lecture Sessions (Salon B/C/H/J)
<b>Sunday, April 15 – Salon F/G</b>	
08:00 - 09:00	Plenary Talk: Ron Kikinis (Salon B/C)
09:00 - 09:30	Break
09:30 - 10:50	SU-AM-PS4: Atlas-Based Methods
10:50 - 11:00	Session Change
11:00 - 12:20	Lecture Sessions (Salon B/C/H/J)
12:20 - 12:30	Closing Remarks (Salon B)

