ISBI 2015

	Track 1 Salons I+H	Track 2 Salons G+F	Track 3 Salons A+B	Track 4 Salon C	Plenary Room Salons D+E	Brooklyn meeting rooms
Wednesday, April 15, 2015						
2:00pm-6:00pm	Registration - Foyer					
Thursday, April 16 2015						
07:00am-6:00pm	Registration - Coatroom					
08:30am-10:15am	**Tutorial 1:** **Machine Learning for Neuroimaging** | **Tutorial 2:** **Light-Sheet Microscopy and Related Computational Techniques for Fast Long Term 3D Cellular Imaging** **Chairs: B Thirion | Chairs: L. Guo**	**Challenge 1:** **White Matter Modeling** | **Challenge 2:** **Cell Tracking Challenge**	**Challenge 3:** **Segmentation of Overlapping Cervical Cells from Multi-Layer Cytology Preparation Volumes** | **Challenge 4:** **Grand Challenges in Dental X-Ray Image Analysis**	**Tutorial 3:** **Point-of-care Imaging Systems** **Chairs: R. Conroy, V. Pai**	**Challenge 5:** **Longitudinal Multiple Sclerosis Lesion Segmentation** | **Challenge 6:** **MR Brain Image Segmentation in Neonates versus Adults (NEATBrainS15)**	**Challenge 7:** **Automatic Polyp Detection Challenge in Colonoscopy Videos** **Challenge 8:** **VISCERAL Anatomy for Grand Challenge**
10:15am-10:30am	Tutorial Coffee Break - Foyer					
10:30am-12:15pm	**Tutorial 1:** **Machine Learning for Neuroimaging** | **Tutorial 2:** **Light-Sheet Microscopy and Related Computational Techniques for Fast Long Term 3D Cellular Imaging** **Chairs: B Thirion | Chairs: L. Guo**	**Challenge 1:** **White Matter Modeling** | **Challenge 2:** **Cell Tracking Challenge**	**Challenge 3:** **Segmentation of Overlapping Cervical Cells from Multi-Layer Cytology Preparation Volumes** | **Challenge 4:** **Grand Challenges in Dental X-Ray Image Analysis**	**Tutorial 3:** **Point-of-care Imaging Systems** **Chairs: R. Conroy, V. Pai**	**Challenge 5:** **Longitudinal Multiple Sclerosis Lesion Segmentation** | **Challenge 6:** **MR Brain Image Segmentation in Neonates versus Adults (NEATBrainS15)**	**Challenge 7:** **Automatic Polyp Detection Challenge in Colonoscopy Videos** **Challenge 8:** **VISCERAL Anatomy for Grand Challenge**
12:15pm-1:30pm	Lunch Break (lunch on your own)					
1:30pm-1:40pm	Opening Remarks - Salons D - E					
1:40pm-2:30pm	**Keynote by M. UNSER - Salons D - E**					
2:40pm-4:10pm	Posters & Coffee at Legends and Legends Foyer					
4:20pm-5:50pm	**Oral 1 - parallel** Registration Methods for Biological Imaging Chairs: P. Bouthemy, J. Kybic	**Oral 1 - parallel** Ultrasound Imaging Chairs: E. Grisan, M. F. Insana	**Oral 1 - parallel** Computer Aided Diagnosis Chairs: B. van Ginneken, C. Barillot	**Oral 1 - parallel** SS1 Resting State fMRI Chair: V. Calhoun		
6.10:00pm-7:00pm	Presentation of Grand Challenges Results - Salons D - E					
7:00pm-9:00pm	Welcome Reception at the hotel - Foyers D/E and Promenade					
Friday, April 17, 2015						
07:00am-5:40pm	Registration - Coatroom					
8:30am-10:00pm	**Oral 2 - parallel** Compressed Sensing MRI Chairs: R. Otazo, J. C. Ye	**Oral 2 - parallel** Time Lapse Microscopy Chairs: J.C. Olivo-Marin, G. Yang	**Oral 2 - parallel** Image Segmentation 1 Chairs: C. Davatzikos, B. Lelieveldt	**Oral 2 - parallel** EEG & MEG Imaging Chairs: A. Gramfort, B. Thirion		
10:10am-11:00am	**Keynote by J. LIPPINCOTT-SCHWARTZ - Salons D - E**					
11:00am-12:30pm	Posters & Coffee at Legends and Legends Foyer					
12:30-2:00pm	Lunch Break (lunch on your own)					
12:45pm:1:45pm	**Meet the EiC of JBHI**	**Lunch Demo CIBC**	**Lunch Demo Icy**	**Lunch Demo Vaa3d**		
	Oral 3 - parallel	**Oral 3 - parallel**	**Oral 3 - parallel**	**Oral 3 - parallel**		

Time				
2:00pm-3:30pm	Imaging Cellular Processes Chairs: J. Rittscher, S. Zhang	SS2: Imaging applications in the biopharmaceutical industry Chairs: B. Dogdas, S. Somayajula	Dictionary-Based Image Analysis Chairs: I. Selesnick, D. Liang	SS3: Ultrasonic imaging technologies for point-of-care applications Chairs: B. Castañeda, R. Lavarello
3:30pm-4:00pm	Coffee Break - Foyer			
4:00pm-5:30pm	Oral 4 - parallel Image Registration 1 Chairs: J. Schnabel, T. Vercauteren	Oral 4 - parallel Computational Methods for Biological Imaging Chairs: O. Ronneberger, S. Wörz	Oral 4 - parallel Deep Learning for Biomedical Image Analysis Chairs: W. Niessen, S. Acton	Oral 4 - parallel Cardiac Imaging Chairs: M.P. Jolly, L. Axel
6:00pm-7:00pm			Meet the EiC of TMI	

Saturday April 18, 2015

Time				
07:00am-5:40pm	Registration - Coatroom			
8:30am-10:00pm	Oral 5 - parallel Random Forests Classification Methods Chairs: T. Syeda-Mahmood, D. Metaxas	Oral 5 - parallel Image Registration 2 Chairs: J.Pluim, D. Rueckert	Oral 5 - parallel Fetal Imaging Chairs: M.G. Linguraru, C. Studholme	Oral 5 - parallel Imaging of Neurons Chairs: E. Meijering, G. Malandain
10:00am-10:05am	ISBI 2016 presentation - Salons D - E			
10:10am -11:00am	Keynote by E. GRANT - Salons D - E			
11:00am-12:30pm	Posters & Coffee at Legends and Legends Foyer			
12:30-2:00pm	Lunch Break (lunch on your own)			
12:45pm:1:45pm	Meet the EiC of JBHI	Lunch Demo - CellProfiler	Lunch Demo - Scikit	
2:00pm-3:30pm	Oral 6 - parallel SS4: Current challenges and methodological advances in biomedical image registration Chairs: A. Sotiras, M. Heinrich, N. Paragios, J. Schnabel	Oral 6 - parallel Diffusion MR Imaging Chairs: C.F. Westin, R. Deriche	Oral 6 - parallel Segmentation for Microscopy Imaging Chairs: K. Rohr, X. Descombes	Oral 6 - parallel Nuclear Imaging Chairs: F. Zanderigo, C. Delorenzo
3:30pm-4:00pm	Coffee Break - Foyer			
4:00pm-5:30pm	Oral 7 - parallel SS5: Compressed sensing in bioimaging Chair: J.C. Olivo-Marin	Oral 7 - parallel MR Imaging & Reconstruction Methods Chairs: M. Jacobs, S.K. Warfield	Oral 7 - parallel Brain Shape Analysis Chairs: S. Ourselin, G. Gerig	Oral 7 - parallel Histological Imaging Chairs: M. Liebling, A. Muñoz-Barrutia

Sunday, April 19, 2015

Time				
07:00am-1:00pm	Registration - Coatroom			
08:15am-9:50am	Posters & Coffee at Legends and Legends Foyer			
10:00am-10:05am	Announcement of Student Paper Awards - Salons D - E			
10:10am-11:05am	Keynote by M. CHALFIE - Salons D - E			
11:15am-12:45pm	Oral 8 - parallel SS6: Graphical Models for Biomedical Image Analysis Chair: R. Zabih	Oral 8 - parallel Image Segmentation 2 Chairs: M. Sonka, R. Summers	Oral 8 - parallel Motion Compensation Methods Chairs: A. Amini, A. Katouzian	Oral 8 - parallel X-Ray & CT Imaging Chairs: F. Peyrin, O. Salvado
12:45pm-2:00pm	Lunch Break (lunch on your own)			
2:00pm-4:15pm	Tutorial 4: Advances in Super-Resolution Microscopy and Related Computational Techniques Chair: R. Heintzmann	Tutorial 5: Image-Based Measurements Chair: C. Luengo	Tutorial 6: Slice Timing and Motion Correction for fMRI Data Chair: R. Razlighi	
4:15pm-4:30pm	Tutorial Coffee Break - Foyer			
4:30pm-6:15pm	Tutorial 4: Advances in Super-Resolution Microscopy and Related Computational Techniques	Tutorial 5: Image-Based Measurements	Tutorial 6: Slice Timing and Motion Correction for fMRI Data	