

ISBI 2018

Omni Shoreham Hotel, Washington, DC, USA

April 4-7, 2018

	Track 1	Track 2	Track 3	Track 4
Room	Palladian	Empire	Diplomat	Congressional

Times	Wednesday April 4			
07:00 - 17:30	Registration (Foyer)			
08:30 - 10:30	Challenge 1 Part I: 3D Validation of Tractography with Experimental MRI	Challenge 2 Part I: Diabetic Retinopathy Segmentation and Grading Challenge	Tutorial 1 Part I: Optimal Transport in Biomedical Imaging	Tutorial 2 Part I: Applying Deep Learning to Medical Image Analysis Problems
10:30 - 11:00	Coffee Break (Foyer)			
11:00 - 12:30	Challenge 1 Part II: 3D Validation of Tractography with Experimental MRI	Challenge 2 Part II: Diabetic Retinopathy Segmentation and Grading Challenge	Tutorial 1 Part II: Optimal Transport in Biomedical Imaging	Tutorial 2 Part II: Applying Deep Learning to Medical Image Analysis Problems
12:30 - 13:30	Lunch Break (On Own)			
13:30 - 15:00	Challenge 3 Part I: Lung Nodule Malignancy Prediction Based on Sequential CT Scans	Tutorial 5 Part I: Biomedical Image Analysis in Python and R using SimpleITK Jupyter Notebooks	Tutorial 3 Part I: Cancer Imaging Phenomics Toolkit	Tutorial 4 Part I: Elastography and Photoacoustic Imaging
15:00 - 15:30	Coffee Break (Foyer)			
15:30 - 17:30	Challenge 3 Part II: Lung Nodule Malignancy Prediction Based on Sequential CT Scans	Tutorial 5 Part II: Biomedical Image Analysis in Python and R using SimpleITK Jupyter Notebooks	Tutorial 3 Part II: Cancer Imaging Phenomics Toolkit	Tutorial 4 Part II: Elastography and Photoacoustic Imaging
18:00 - 20:00	Student Reception			

Times	Thursday April 5			
07:00 - 18:00	Registration (Foyer)			
08:30 - 08:40	Opening Remarks (Regency)			
08:40 - 09:30	Plenary 1 (Regency): Samuel Achilefu Surgical Glasses and Probes for Image-Guided Cancer Surgery			
09:30 - 10:00	Coffee Break (Foyer)			
10:00 - 11:30	Special Session: Computational Mechanobiology	Oral Session	Oral Session	Oral Session
11:30 - 12:30	Poster Session (Ambassador)			
12:30 - 13:30	Lunch Break (On Own)			
13:30 - 14:30	Plenary 2 (Regency): Kim Butts-Pauly Transcranial Magnetic Resonance Guided Focused Ultrasound			

14:30 - 16:00	Special Session: Image Analysis of the Developing Brain	Oral Session	Oral Session	Oral Session
16:00 - 16:30	Coffee Break (Foyer)			
16:30 - 18:00	Oral Session	Oral Session	Oral Session	Oral Session
19:00 - 21:00	Welcome Reception			

Times	Friday April 6			
07:00 - 18:00	Registration (Foyer)			
08:30 - 09:30	Plenary 3 (Regency): Peter Basser Imaging Microstructure and Dynamics with MR: From Macro to Nano			
09:30 - 10:00	Coffee Break (Foyer)			
10:00 - 11:30	Special Session: Integration of Multiscale Heterogenous Imaging and Genomic Data	Oral Session	Oral Session	Oral Session
11:30 - 12:30	Poster Session (Ambassador)			
12:30 - 13:30	Lunch Break (On Own)			
13:30 - 13:40	IEEE Fourier Award (Regency)			
13:40 - 14:30	Plenary 4 (Regency): Anne Carpenter Tackling World Health Problems Through High-Throughput Microscopy Imaging and Analysis			
14:30 - 16:00	Special Session: Ultrasonic Imaging-Based Tissue Characterization	Oral Session	Oral Session	Oral Session
16:00 - 16:30	Coffee Break (Foyer)			
16:30 - 17:30	Poster Session (Ambassador)			
17:30 - 18:00	Challenges Summary Session (Regency)			
18:00 - 19:30	FDA Session	NIH Session		

Times	Saturday April 7			
08:00 - 14:00	Registration (Foyer)			
08:30 - 09:30	Plenary 5 (Regency): Laura Waller Computational Imaging for 3D Microscopy			
09:30 - 10:00	Coffee Break (Foyer)			

10:00 - 11:30	Special Session: Smart Imaging Systems	Oral Session	Oral Session	Oral Session
11:30 - 12:30	Poster Session (Ambassador)			
12:30 - 13:30	Lunch Break (On Own)			
13:30 - 14:00	Student Awards (Regency)			
	ISBI 2019 (Regency)			
	IEEE (Regency)			
14:00 - 15:30	Special Session: Imaging for Developing Countries	Oral Session	Oral Session	Oral Session