

22-Jan-16 **IBio**
IMAGING IN MOTION AND BEYOND

8:00AM 9:00AM **BREAKFAST**

MORNING SESSION 1		Presenting Author	Presentation Title	Institution
9:00AM	9:30AM	Mohammad Mehrmohammadi	Photo-Acoustic Imaging: Ultrasound Imaging Goes Molecular	WSU
9:30AM	9:45AM	Yan Yan	Endocavity Ultrasound/Photoacoustic Imaging System	WSU
9:45AM	10:00AM	Zichun Zhong	4D Cone-beam CT Reconstruction Using Multi-organ Meshes for Sliding Motion	WSU
10:00AM	10:15AM	Hajar Hamidian	Quantifying and Visualizing Shape Deformations by Variation of Geometric Spectrum	WSU

10:15AM 10:45AM **COFFEE BREAK**

MORNING SESSION 2		Presenting Author	Presentation Title	Institution
10:45AM	11:15AM	Hamid Soltanian-Zadeh	Neuroimaging and Image Analysis of Neurological Disorders	HFHS
11:15AM	11:30AM	Zhifeng Kou	An Omics Approach to Traumatic Brain Injury in Human Patients	WSU
11:30AM	11:45AM	Mohammad-Reza Nazem-Zadeh	MEG Coherence and DTI Connectivity in Mesial Temporal	HFHS
11:45AM	12:00PM	Ali Hariri	Point-of-Care Photo-Acoustic Tomography for Regular Monitoring of Brain Development and Function in Premature Infants	WSU

12:00PM 1:00PM **LUNCH BREAK**

AFTERNOON SESSION 1		Presenting Author	Presentation Title	Institution
1:00PM	1:30PM	Juri G Gelovani	Imaging Epigenetic Regulation in CNS and Cancer	WSU
1:30PM	1:45PM	Robin Bonomi	Imaging SIRT1 expression-activity in the brain with PET	WSU
1:45PM	2:00PM	Hassan Bagher-Ebadian	Localized Quantitative Analysis of Positron Emission Tomography (PET) for Temporal Lobe Epilepsy Lateralization and Surgical Intervention	HFHS

2:00PM	2:15PM	COFFEE BREAK		
--------	--------	---------------------	--	--

AFTERNOON SESSION 2		Presenting Author	Presentation Title	Institution
2:15PM	2:45PM	Michael Bey	Bi-Plane X-ray Imaging of Musculoskeletal Disorders	HFHS
2:45PM	3:00PM	Daniel Oravec	A Clinically Viable Noninvasive Method for Direct Measurement of Mechanical Strains in Vertebral Bone	HFHS
3:00PM	3:15PM	Weiping Ren	Development of 11C-Tetracycline PET Imaging for Improved Monitoring of Implant Osseointegration	WSU

3:15PM	5:00PM	SOCIAL MIXER & POSTER VIEWING		Refreshments will be served
--------	--------	--	--	------------------------------------

Zichun Zhong	GPU-based 4D Cone-beam CT Reconstruction Using Feature-based Meshing Method	WSU
Fariborz Mahmoudi	Lateralization of Temporal Lobe Epilepsy using a Combinational Model of Electroencephalographic and Imaging	HFHS
Sirisha Kondle	Comparing Different Fiber Guided Light Delivery Strategies for Endoscopic Photoacoustic Imaging: Monte-Carlo Simulation Study	WSU
Baumer TG	Effects of Rotator Cuff Pathology And Physical Therapy On 3D, In-Vivo Shoulder Motion	HFHS
Baumer TG	Ultrasound Shear Wave Elastography of the Rotator Cuff: Preliminary Assessment of the Effects of Age, Shoulder Dominance, and Pathology	HFHS
Suhail S. Alshahrani	Design and Development of an Ultrasound/Photoacoustic Tomography System for Breast Cancer Detection	WSU
Esmail Davoodi-Bojd	Whole brain DTI connectivity of temporal lobe epilepsy	HFHS