



DAY 1 PROGRAM

8:00 AM - 8:30 AM	REGISTRATION AND BREAKFAST
8:30 AM - 10:00 AM	INTRODUCTION Session Chair: Ann Choe, PhD - Assistant Manager, F.M. Kirby Research Center for Functional Brain Imaging, KKI; Assistant Professor, Department of Radiology, JHU
8:30 AM – 8:50 AM	WELCOME ADDRESS Bradley Schlaggar, MD, PhD - President and Chief Executive Officer, KKI Amy Bastian, PhD, PT - Chief Science Officer and Director, KKI Ali Fatemi, MD, MBA - Chief Medical Officer, KKI Zaver Bhujwalla, PhD - Vice Chair of Research, Department of Radiology, JHU
8:50 AM - 9:20 AM	F.M. KIRBY CENTER: PAST, PRESENT AND FUTURE Peter van Zijl, PhD - Director, F.M. Kirby Research Center for Functional Brain Imaging, KKI; Professor of Radiology, JHU
9:20 AM - 9:50 AM	F.M. KIRBY AND FRIENDS Gary Goldstein, MD - Former President and Chief Executive Officer, KKI Elias Zerhouni, MD, PhD - Former Chair of Radiology, JHU (1996-2002) Jonathan Lewin, MD, FACR - Former Chair of Radiology, JHU (2004-2016) Michael Miller, PhD - Director, Department of Biomedical Engineering, JHU Ryan Robison, PhD - Director, MR Clinical Science, Philips North America
9:50 AM - 10:00 AM	AWARD CEREMONY
10:00 AM - 10:30 AM	COFFEE BREAK
10:30 AM - 12:30 PM	SESSION 1 - IMAGING OF THE DEVELOPING BRAIN IN HEALTH AND DISEASE Session Chair: Stewart Mostofsky, MD - Director, Center for Neurodevelopmental and Imaging Research, KKI; Professor of Neurology, JHU KEYNOTE: Heather Volk, PhD, MPH - Associate Professor of Mental Health, JHU <i>Baltimore Healthy Brain and Child Development Study (HBCD)</i> Richard Edden, PhD - Professor of Radiology, JHU <i>MRS and HBCD in the USA: An Acronym-Dominated Lecture</i> Mary Beth Nebel, PhD - Research Scientist, KKI; Assistant Professor of Neurology, JHU <i>Functional MRI in ADHD and Autism</i> Marina Bedny, PhD - Associate Professor of Psychological and Brain Sciences, JHU <i>Plasticity in Congenitally Blind Individuals</i> Yulu Song, MD – Research Associate of Radiology, JHU <i>Brain Glutathione and GABA+ Levels in Autistic Children</i> Laura Rice, PhD - Health Scientist, FDA <i>Innovative Use of 7T MRI to Examine Cerebellar Structure and Function in Autism and Other Developmental Disorders</i> Kenichi Oishi, MD, PhD - Professor of Radiology and Neurology, JHU <i>AI-Driven Quantification of Neonatal Brain MRI for Enhanced Clinical Decision Making</i> Reflections by the Chair
12:30 PM - 1:30 PM	LUNCH BREAK
1:30 PM - 3:30 PM	SESSION 2 - PERSONALIZED MEDICINE & IMAGING BIOMARKERS Session Chair: Peter van Zijl, PhD - Director, F.M. Kirby Research Center for Functional Brain Imaging, KKI; Professor of Radiology, JHU KEYNOTE: Andreia Faria, MD, PhD - Associate Professor of Radiology, JHU <i>Large Datasets and Automated Reading in Personalized Medicine</i> Susumu Mori, PhD - Professor of Radiology, JHU <i>Towards Personalized Medicine in Japan</i> Xu Li, PhD - Research Scientist, KKI; Associate Professor of Radiology, JHU <i>Magnetic Susceptibility as a Biomarker in Neurodevelopment and Neurodegeneration</i> Hye-Young Heo, PhD - Associate Professor of Radiology, JHU <i>MR Fingerprinting of Imaging Biomarkers</i> Doris Lin, MD - Professor of Radiology, JHU <i>Neuroradiologist Perspective on Imaging Biomarkers</i> Hyeong-Geol Shin, PhD - Research Scientist, KKI; Research Associate of Biomedical Engineering, JHU <i>Towards New Imaging Biomarkers for Multiple Sclerosis</i> Yuto Uchida, MD - Postdoctoral Fellow of Radiology, JHU <i>Micro-Scaled Anatomical MRI of Preclinical Alzheimer’s Disease Biomarkers for Neurodegeneration</i> Reflections by the Chair PANEL DISCUSSION: Marilyn Albert, PhD – Professor of Neurology, JHU; Brian Caffo, PhD - Professor of Biostatistics, JHU; Peter Calebresi, MD - Professor of Neurology; Doris Lin, MD - Professor of Radiology, JHU <i>Precision Medicine Uncovered: The Role of Imaging Biomarkers and AI</i>
4:00 PM - 5:45 PM	SIPS OF NOSTALGIA Session Chair: Peter van Zijl, PhD - Director, F.M. Kirby Research Center for Functional Brain Imaging, KKI; Professor of Radiology, JHU Get a Drink James Pekar, PhD - Manager and Research Coordinator, F.M. Kirby Research Center, KKI; Professor of Radiology, JHU Paul Bottomley, PhD - Professor Emeritus of Radiology, Former Director Division of MRI Research, JHU Risto Kauppinen, MD, PhD - Professor Emeritus of Psychological Science, University of Bristol Peter Luyten, PhD - Vice-dean Utrecht Life Sciences, Utrecht University, formerly Philips Healthcare Xavier Golay, PhD - Chief Executive Officer, Gold Standard Phantoms; Honorary Professor of MRI Physics, University College London Peter Barker, DPhil - Director, Division of MRI Research; Professor of Radiology, JHU Mingle
4:00 PM - 4:20 PM	
4:20 PM - 4:30 PM	
4:30 PM - 4:40 PM	
4:40 PM - 4:50 PM	
4:50 PM - 5:00 PM	
5:00 PM - 5:10 PM	
5:10 PM - 5:20 PM	
5:20 PM - 5:45 PM	