Date	Time	Track	Presentation Title	Speaker
6-Mar	06:00 - 07:00 AM	New Horizons in Neurodegenerative Disease Research	Panel Presentation: A Blood Test for Alzheimer's Disease - Thinking Beyond a Diagnosis with Live Q&A	Alex Forrest-Hay VP of Sales, Alamar Biosciences Nicholas Ashton, PhD Associate Professor of Neurochemistry, University of Gothenburg
6-Mar	07:30 - 08:30 AM	New Horizons in Neurodegenerative Disease Research	Keynote Panel Presentation: The World is Not Flat - Leveraging 3D Whole-Brain Imaging of Pathological α-Synuclein Spreading in a Mouse Model of Early-Stage Parkinson's Disease with Live Q&A	Yasir Gallero-Salas, PhD Senior Scientist, 3D Imaging, Gubra Henrik Björk Hansen, PhD Scientific Director, Sales & Marketing, Gubra
6-Mar	09:00 - 10:00 AM	New Horizons in Neurodegenerative Disease Research	Keynote Presentation: Wide-Spread Unappreciated Alpha-Synuclein Aggregates in CNS - a Cause of Symptoms, Caution and Optimism in Parkinson's Disease and Lewy Body Dementia? With Live Q&A	Prof. Poul Henning Jensen, M.D., Dr. Med. Sci. Professor, Aarhus University, Dept. of Biomedicine (West), Director, DANDRITE, Danish Research Institute of Translational Neuroscience, (Nordic EMBL partnership for Molecular Medicine). Co-founder and core group leader, Aarhus University Hospital, Lundbeck Foundation Parkinson's Disease Research Center PACE.
6-Mar	10:30 - 11:30 AM	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Keynote Presentation: Tracking Social Behavior and Its Neural Properties in a Smart Aviary with Live Q&A	Marc F. Schmidt, PhD Professor of Biology and Neuroscience Program, University of Pennsylvania
6-Mar	11:30 - 12:30 PM	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Keynote Presentation: Using Computers to Characterize and Quantify Language and Face Expression in Schizophrenia with Live Q&A	Cheryl M. Corcoran, MD Associate Professor of Psychiatry, Program Leader in Psychosis Risk, Icahn School of Medicine in Mount Sinai

6-Mar	12:30 - 01:30 PM	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Keynote Presentation: Ethical and Societal Considerations of the Collection, Management and Use of Multidimensional Data with Live Q&A	Laura Y. Cabrera, PhD Dorothy Foehr Huck and J. Lloyd Huck Chair in Neuroethics, Associate Professor of Engineering Science and Mechanics, Associate Professor of Philosophy and Bioethics, Associate Director Neuroethics and Engagement, Center for Neural Engineering, Senior Research Associate, Rock Ethics Institute, The Pennsylvania State University
6-Mar	01:30 - 02:30 PM	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Keynote Presentation: Conditions Favoring the Production and Promotion of Scientific Innovation with Live Q&A	Brian Uzzi, PhD Richard L. Thomas Professor of Leadership, Kellogg School of Management & Organizations Department, Co-Director, Northwestern Institute on Complex Systems (NICO), Northwestern University

6-Mar	02:30 - 03:30 PM	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Plenary Discussion: Envisioning Transdisciplinary Behavioral Science with Live Q&A	Cheryl M. Corcoran, MD Associate Professor of Psychiatry, Program Leader in Psychosis Risk, Icahn School of Medicine in Mount Sinai Marc F. Schmidt, PhD Professor of Biology and Neuroscience Program, University of Pennsylvania Nicholas Szczecinski, PhD Assistant Professor, Director, Neuro-Mechanical Intelligence Laboratory, Dept. of Mechanical, Materials, and Aerospace Engineering, Statler College of Engineering and Mineral Resources, West Virginia University Laura Y. Cabrera, PhD Dorothy Foehr Huck and J. Lloyd Huck Chair in Neuroethics, Associate Professor of Engineering Science and Mechanics, Associate Professor of Philosophy and Bioethics, Associate Director Neuroethics and Engagement, Center for Neural Engineering, Senior Research Associate, Rock Ethics Institute, The Pennsylvania State University Gaetano R. Lotrecchiano, EdD, PhD Associate Professor of Clinical Research and Leadership, Discipline Lead, Team Science, Leadership Education in Neurodevelopmental Disabilities, Children's National Medical Center, George Washington University, School of Medicine and Health Sciences Alexandra Rosati, PhD Associate Professor of Psychology and Anthropology, University of Michigan Satrajit Ghosh, PhD Director, Open Data in Neuroscience Initiative, Principal Research Scientist, McGovern Institute for Brain Research at MIT, Assistant Professor of Otolaryngology - Head and Neck Surgery at Harvard Medical School Dr. Dana Schloesser Health Science Administrator, The Office of Behavioral and Social Sciences Research Holly Moore, PhD National Institute of Drug Abuse Program Officer in Behavioral and Cognitive Neuroscience Branch
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	A Multimodal Neuroprosthesis for Speech Decoding and Avatar Control	Kaylo Littlejohn Electrical Engineering and Computer Science, PhD student UC Berkeley

6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	An Emerging Multimodal Ecosystem for Psychopathology Research	Satrajit Ghosh, PhD Director, Open Data in Neuroscience Initiative, Principal Research Scientist, McGovern Institute for Brain Research at MIT, Assistant Professor of Otolaryngology - Head and Neck Surgery at Harvard Medical School
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Automatic Monitoring of Neural Activity with Single-Cell Resolution in Behaving Hydra	Alison Hanson, MD, PhD Postdoctoral Scientist, Rafael Yuste Laboratory, Department of Psychiatry, Department of Biological Sciences, Neurotechnology Center, Columbia University, New York State Psychiatric Institute
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	B-SOiD Automated Quantification of Naturalistic Behaviors with Supervised or Unsupervised Approaches	Eric Yttri, PhD Eberly Family Associate Professor, Biological Science, Carnegie Mellon University
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Cog Néuro GO: Capturing and Enhancing Episodic Memories Made in the Wild	Cory Inman, PhD Assistant Professor, Director, Immersive Neuromodulation and Neuroimaging Lab, Department of Psychology, Neuroscience Program, University of Utah
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Complexity Skills Development for Transdisciplinary Knowledge Producing Teams (TDKPTs)	Gaetano R. Lotrecchiano, EdD, PhD Associate Professor of Clinical Research and Leadership, Discipline Lead, Team Science, Leadership Education in Neurodevelopmental Disabilities, Children's National Medical Center, George Washington University, School of Medicine and Health Sciences
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Decomposing EEG components of Memory Processing	Virginia de Sa, PhD Professor, Cognitive Science, HDSI Chancellor's Endowed Chair, Director, Halicioglu Data Science Institute, UC San Diego
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Dynamic Scaling and Synthetic Nervous Systems: Two Frameworks for Building Robots that Model Animals	Nicholas Szczecinski, PhD Assistant Professor, Director, Neuro-Mechanical Intelligence Laboratory, Dept. of Mechanical, Materials, and Aerospace Engineering, Statler College of Engineering and Mineral Resources, West Virginia University

6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Ethological Neurobehavioral Investigations in Obsessive-Compulsive Disorder	Nicole Provenza, PhD Assistant Professor of Neurosurgery, Baylor College of Medicine
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Flexible Minds, from Play in Rats to Wild Cognition	Juan Ignacio Sanguinetti Scheck, PhD HFSP Postdoctoral Fellow Harvard University, Incoming Assistant Professor University of Pennsylvania
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Infant Motor Behavior: Potential and Challenges for Advanced Sensing and Analysis of Multi-Dimensional Data	Beth A. Smith, PT, DPT, PhD Associate Professor of Pediatrics, Developmental Neuroscience and Neurogenetics Program, The Saban Research Institute, Division of Developmental-Behavioral Pediatrics, Children's Hospital Los Angeles, Department of Pediatrics, Keck School of Medicine, University of Southern California, Director, Infant Neuromotor Control Laboratory
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Integrative Approaches to Cognition, Behavior, and Physiology in Semi-Free-Ranging Chimpanzees	Alexandra Rosati, PhD Associate Professor of Psychology and Anthropology, University of Michigan
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Motion Analytics: Exploring Movement in Nature and Medicine	Galit Pelled, PhD Professor, Mechanical Engineering, Neuroscience and Radiology, Michigan State University
6-Mar	On Demand	New Horizons in Neurodegenerative Disease Research	Mouse Models of Alzheimer's Disease: New Behavioral Approaches	Professor Bettina Platt, PhD Neuroscience Lead & Chair in Translational Neuroscience, School of Medicine, Medical Sciences & Nutrition, Institute of Medical Sciences, University of Aberdeen
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Neural Circuits for Social Competence	Nancy Padilla-Coreano, PhD Neuroscientist and Assistant Professor, University of Florida

6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Neural Mechanisms of Performance Evaluation in Singing Birds	Vikram Gadagkar, PhD Assistant Professor, Department of Neuroscience, Mortimer B. Zuckerman Mind Brain Behavior Institute, Columbia University
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Non-invasive, Integrated Monitoring of Rodent Physiology and Behaviors Using Guided Ultrasonic Waves	Shivashankar Peruvazhuthi, PhD Postdoctoral Fellow, Department of Civil, Environmental, and Architectural Engineering, University of Texas at Austin
6-Mar	On Demand	New Horizons in Neurodegenerative Disease Research	Patient Specific Brain Organoids for In Vitro Modeling of Parkinson's Disease	Gemma Gomez Giro, BSc, MSc, PhD Lead Project Scientist, OrganoTherapeutics
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Psychophysiological and Behavioral Evidence of Deficits in Sensitivity to Reward Magnitude in Substance Use Disorders	Muhammad A. Parvaz, PhD Psychophysiological and Behavioral Evidence of Deficits in Sensitivity to Reward Magnitude in Substance Use Disorders
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Quantifying Behavior Using Deep Learning	Talmo Pereira, PhD Salk Fellow, Principal Investigator, Salk Institute for Biological Studies
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Reconstructing the Neural Code for Real World Face Perception	Avniel Ghuman, PhD Associate Professor of Neurological Surgery, Faculty in the Center for the Neural Basis of Cognition, University of Pittsburgh
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Sex Differences in the Capuchin Monkey Brain	Olivia Reilly, PhD NIH Postdoctoral Fellow, Department of Human Evolutionary Biology, Harvard University

6-Mar	On Demand	Artificial Intelligence in Neuroscience and Disease	Towards an Inter-Personalized Computational Psychiatry	Guillaume Dumas, Meng, PhD, HDR Associate Professor, Computational Psychiatry, Faculty of Medicine, Université de Montréal, Principal Investigator, Precision Psychiatry and Social Physiology Laboratory, CHU Sainte-Justine Research Center
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Towards the Neuroethology of Vocal Communication in the Mongolian Gerbil	Alex Williams, PhD Assistant Professor, Center for Neural Science at NYU, Associate Research Scientist and Project Leader at the Flatiron Institute
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Transforming Neurobehavioral Science: The NIH BRAIN Initiative's Brain-Behavior Quantification and Synchronization Program	Dr. Dana Schloesser Health Science Administrator, The Office of Behavioral and Social Sciences Research
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Understanding Brain-Behavior-Environment Interactions in a New Model System for Neuroscience	Mansi Srivastava, PhD Professor of Organismic and Evolutionary Biology, Curator in Invertebrate Zoology, Department of Organismic and Evolutionary Biology, Museum of Comparative Zoology, Harvard University
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Untangling Brain-wide Interactions Using Data-Constrained Modeling	Kanaka Rajan, PhD Associate Professor, Investigator, Department of Neurobiology, Computational Neuroscientist, Harvard University and Kempner Institute
6-Mar	On Demand	New Horizons in Neurodegenerative Disease Research	Use of Human Stem Cell Models of Neurological Disease to Advance Drug Discovery	Clare Jones, PhD Chief Scientific Officer, Talisman Therapeutics
6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	Visualizing Gravity Sensation	Yunlu Zhu, PhD Postdoctoral Fellow, Leon Levy Fellow, Neuroscience Institute, New York University Grossman School of Medicine
6-Mar	On Demand	New Horizons in Neurodegenerative Disease Research	Visualizing Protein Aggregates at the Single-Molecule Level	Mathew H. Horrocks, PhD Senior Lecturer in Biophysics, School of Chemistry, University of Edinburgh

6-Mar	On Demand	NIH BRAIN Initiative: Brain-Behavior Quantification Synchronization presents - Advancing the Understanding of How the Brain Gives Rise to Complex Behavior	What can the Body Tell Us About the Brain: Machine Learning for Automation	Shreya Saxena, PhD Assistant Professor, Biomedical Engineering & Wu Tsai Institute, Yale University