



Below, find a preview of who has already committed to attending the upcoming RCP Non-Invasive Summit:

Alyosha Molnar - Ilda and Charles Lee Professor of Engineering, Cornell University | Develops integrated circuits and instrumentation for imaging, neurobiology, neural recording, and manipulation of interconnected neurons.

Amy Bastian - Professor of Neuroscience and Neurology, Johns Hopkins University; Chief Science Officer, Kennedy Krieger Institute | Studies cerebellar function, motor learning, adaptation, ataxia, gait, and movement recovery following neurological injury using human behavioral, neurophysiological, and rehabilitation approaches.

Andrew Krystal – Psychiatrist and Ray and Dagmar Dolby Distinguished Professor in the Departments of Psychiatry and Neurology, University of California, San Francisco | Focuses on biomarkers for mood and sleep disorders and the development of novel, personalized treatments for these conditions.

Bashar Badran - Clinical neuroscientist and Vice President, Head of Clinical and Science, Gestala | Leads clinical and translational development of noninvasive ultrasound brain-computer interfaces, building on expertise in brain stimulation, neuroimaging, and neuromodulation.

Bin He - Trustee Professor of Biomedical Engineering, Carnegie Mellon University | Focuses on neuroengineering and biomedical imaging, including noninvasive brain-computer interfaces and neuromodulation.

Catherine Stoodley - Research Faculty, Children's National Hospital; Associate Research Professor of Neuroscience, American University | Studies the role of the cerebellum in cognition, neurodevelopment, autism, learning, and behavior using neuroimaging, neuromodulation, lesion mapping, and behavioral neuroscience approaches.

Chris de Zeeuw - Professor and Chair of Neuroscience, Erasmus MC, and Vice-Director, Netherlands Institute for Neuroscience | Studies cerebellar processing, sensorimotor integration, cognition, and motor learning.

Daniel Levitin - Founding Dean of Arts and Humanities, Minerva University, and James McGill Professor Emeritus of Psychology, Neuroscience, and Music, McGill University | Studies music, the brain, health, memory, aging, creativity, and higher-order cognitive processes.



David Horsley - Senior Vice President of Innovation, Butterfly Embedded, Butterfly Network; Professor of Electrical and Computer Engineering, Northeastern University; and Adjunct Professor of Mechanical Engineering, UC Berkeley | Focuses on MEMS, ultrasonic sensor systems, semiconductor innovation, and commercialization of ultrasound technologies.

David Poeppel - Professor of Psychology and Neural Science, New York University | Studies auditory perception, speech perception, language comprehension, and music processing using cognitive and systems neuroscience methods.

Elsa Fouragnan - Professor of Neuroscience and Executive Director of the Brain Research and Imaging Centre, University of Plymouth | Studies the neurobiology of decision-making and learning while developing transcranial ultrasound neuromodulation for mental-health applications.

Erik Rehn - Engineer, Chief Technology Officer, and Co-Founder, Flow Neuroscience | Develops technology-based approaches to mental-health treatment, including transcranial electrical stimulation for depression.

Friedhelm Hummel - Full Professor and Defitech Chair of Clinical Neuroengineering, EPFL | Focuses on stroke recovery, neuroplasticity, motor and cognitive control, neuroimaging, and noninvasive brain stimulation.

Gianmarco Pinton – Associate Professor in the Joint Department of Biomedical Engineering at the University of North Carolina at Chapel Hill and North Carolina State University. His research interests are in non-conventional diagnostic ultrasound imaging, nonlinear wave propagation, and shear shock waves and brain injury.

Helen Mayberg - Founding Director of the Nash Family Center for Advanced Circuit Therapeutics and Professor of Neurology, Neurosurgery, Psychiatry, and Neuroscience, Icahn School of Medicine at Mount Sinai | Pioneers brain-circuit mapping and precision deep-brain-stimulation treatments for treatment-resistant depression.

Kimberly Butts Pauly - Professor of Radiology and Vice Chair for Research in Radiology, Stanford University | Develops focused-ultrasound therapies, image-guided interventions, and ultrasound-neuromodulation technologies.

Lennart Verhagen - Associate Principal Investigator and Assistant Professor, Donders Centre for Cognition, Radboud University | Develops focused transcranial-ultrasound



methods for safe, precise modulation of deep brain structures in basic and clinical research.

Marom Bikson - Harold Shames Professor of Biomedical Engineering, City College of New York, and Co-Director of the Neural Engineering Group | Focuses on neural engineering, electrical brain stimulation, medical-device design, neuromodulation, and electrical safety.

Matthew Brookes - Professor of Physics, University of Nottingham | Develops multimodal functional brain-imaging methods, particularly magnetoencephalography and compact quantum-enabled sensors for measuring brain activity.

Michael Merzenich - Professor Emeritus of Otolaryngology, University of California, San Francisco, and Co-Founder and Chief Scientific Officer of Posit Science | Pioneered research on brain plasticity and develops neuroplasticity-based approaches to improve learning, cognition, and neurological function

Nanthia Suthana - Carol Gram Deane Presidential Distinguished Professor in Neurosurgery and Professor of Biomedical Engineering and Neurobiology, Duke University | Studies the neural mechanisms of memory and emotion and develops neuromodulation, neuroimaging, wearable-sensor, and intracranial-recording technologies.

Peter Tsai - Associate Professor of Neurology, Neuroscience, Pediatrics, and Psychiatry, UT Southwestern Medical Center; Director of the Cerebellar Neurodevelopmental Disorders Clinic | Studies how cerebellar circuits contribute to autism, cognition, behavior, and neurodevelopmental disorders, with the goal of developing mechanism-based therapies for autism and related conditions.

Philip "Flip" Sabes - Professor Emeritus, University of California, San Francisco, and neurotechnology entrepreneur | Focuses on sensorimotor neuroscience, neural computation, brain-machine interfaces, and technologies for recording and influencing brain activity.

Polina Anikeeva - Head of Materials Science and Engineering, Kawasaki Professor of Engineering, and Professor of Brain and Cognitive Sciences, MIT | Develops minimally invasive materials, multifunctional fibers, and magnetic nanotechnologies for interfacing with the brain, spinal cord, and peripheral nervous system.

Raag Airan - Associate Professor of Radiology and, by courtesy, Materials Science and Engineering and Psychiatry and Behavioral Sciences, Stanford University | Develops



focused-ultrasound and nanotechnology-based methods for high-precision, noninvasive intervention in the nervous system.

Shy Shoham - Co-Director of the Tech4Health Institute and Professor of Ophthalmology and Neuroscience, NYU Grossman School of Medicine | Develops optical, acoustic, and computational technologies for imaging, manipulating, and interfacing with neural activity.

Takamitsu Watanabe - Professor and Principal Investigator, International Research Center for Neurointelligence, University of Tokyo | Studies large-scale brain-network dynamics underlying cognition, intelligence, autism, schizophrenia, epilepsy, and other neuropsychiatric conditions.