

Mukesh Dhamala, Georgia State University, USA - *High-frequency neuronal network oscillations in human epilepsy*

Mukesh Dhamala received his M.S. in Physics from Tribhuvan University, Nepal, then another M.S. in Computational Physics, with honors, from the University of Kansas, Lawrence, USA, from where he obtained also his PhD in Physics. During his postdoctoral career in Florida he specialized in the application of complex systems theory to the brain. He is since 2007 a Professor at the Department of Physics and Astronomy, of Georgia State University, and a Member of the Neuroscience Institute of the same University. He is author of more than 50 publications, some of them cited hundreds of times. He is committed to academic service serving as a reviewer and associate editors of several journals and funding agencies. He received several funding and awards as a successful researcher in the early stage of the career. His current works include advanced analysis of neuroimaging data and modelling of the brain as a complex systems, with application to diseases such as epilepsy.