

38th M. Smoluchowski Symposium on Statistical Physics

Sunday, 14 September 2025

Session 2: Brain Dynamics and Neurological Disorders (15:00 - 17:10)

time	[id] title	presenter
15:00	[45] Viral locomotion at cell surfaces: how influenza-A surfs over host defenses	Prof. HUBER, Greg
15:30	[54] Revealing spatial and temporal patterns in neuroimaging data with fractals	Dr OCHAB, Jeremi
16:00	[39] Dynamics of neural motifs realized with a minimal memristive neuro-synaptic unit	Prof. ROZENBERG, Marcelo
16:30	[4] Measurement of the entropy production rate in a macroscopic replica of the Brownian ratchet	Dr NAERT, Antoine
16:50	[22] Non-orthogonal eigenvectors, fluctuation-dissipation relations and entropy production:	Dr TARNOWSKI, Wojciech