

South Galeria Heinsbergen

14th April 2018

Saturday, April 14th 10:00 – 11:30 am

B28: Neuro-Ophthalmology

10:00-10:15 Kimberly Gokoffski (USC Roski Eye Institute): Directing Axon Growth with Electrical Fields

10:15-10:30 Amir Kashani (USC Roski Eye Institute): The Role of Retinal imaging in the diagnosis of neurodegenerative disease

10:30-10:45 Darrin Lee (University of Toronto): Deep brain stimulation for spatial memory

10:45-11:00 Noelle Stilies (USC Keck School of Medicine): Crossmodal Activation of Visual Cortex in Low Vision and Blind Individuals

11:00-11:15 Vivek Patel (USC Roski Eye Institute): New Frontiers in Imaging of the Central Visual Pathways

11:15-11:30 Session Discussion

Saturday, April 14th 3:00 – 4:30 pm

B42: Quantum Biology

Chair: Keith Allen

3:00-3:15 Yung-Ya Lin (UCLA): Quantum Fixed-Point MR Imaging for Early Brain Tumor Detection

3:15-3:30 Zhao Li (UCLA): Nonlinear Quantum Spin Dynamics for Early Pancreatic Cancer MRI Imaging

3:30-3:45 Glen Rein (Mt. Sinai School of Medicine): Quantum Information Storage In Liquid Crystal Structure In Aqueous Solutions

3:45-4:00 Keith Allen (Private practice): The Quantum Paradigm, Quantum Physics and Brainwaves, and the Quantum Physics of Radiation Treatment

4:00-4:15 Uttam Sinha (Keck Medical Center at USC): Rethinking Cancer in an Era of Quantum Biology

4:15-4:30 Session Discussion