

South Galeria Heinsbergen

13th April 2018

Friday, April 13th 10:00 - 11:30 am

A7: Neuromodulation Chair: Daniel DiLorenzo

10:00 – 10:15 Daniel Freeman (Draper): The Smaller the Better: A Sub-Millimeter Wireless Neural Stimulator

10:15 – 10:30 Mike Faltys (SetPoint Medical): An Objective Approach to Bioelectric Medicine Device Design

10:30 – 10:45 Nick Terrafranca, Jr. (NeuroRecovery Technologies, Inc.): Commercializing Breakthrough Technology - Being First In A Crowded Space

10:45 – 11:00 Michael Gertner (Kona Medical): Non-invasive Neuromodulation

11:00 – 11:15 Daniel J. DiLorenzo (Loma Linda University / NeuroVista): Neural State Sensing and Control-The Next Frontier in Neurological Diagnosis and Therapy

11:15-11:30 Session Discussion

Friday, April 13th 1:30 - 3:00 pm

A14: Neuro-Optometry

1:30 - 1:45 Selwyn Super (Southern College of Optometry, Fullerton, CA USA): Sensorimotor, Perceptual and Cognitive/Emotional Integration in Brain Function

1:45 - 2:00 Clark Elliott (De Paul University, Chicago, IL USA): Treating Movement Disorders by Using Retinal Stimulation that alters Visual-Spatial Cognitive Processing

2:00 - 2:15 Nathalie Kelly (www.BrainInjuryRecoveryCoach.com): Effects of Optometric Dysfunction on Quality of Life

2:15 - 2:30 Catherine Grochowski (Make the Grade Training, Crystal Lake, IL USA): The Impact of Optometry on Brain Function after a TBI

2:30 - 2:45 Amy Pruszanski (Visual Victory, Concord, New Hampshire, USA): Breaking Barriers in Concussion Care: Neuro-Optometry as a Key Element in the Rehabilitation Team for TBI

2:45 - 3:00 Session Discussion

Friday, April 13th 3:30 - 5:00 pm

A21: Retinal Neuromodulation

3:30 - 3:45 Deborah Zelinsky (Mind-Eye Connection, Northbrook, IL USA): The Retina as an Interface to Visual Processing and the Autonomic Nervous System

3:45 - 4:00 Robert Wilson (Tripler Army Medical Center, HI USA): Beyond Neuro-Imaging: Neuro-Optometric Rehabilitation Therapy combined with Neuroplasticity Training for Treatment of TBI

4:00 - 4:15 Alauddin Bhuiyan (New York University, NY, USA): Prediction of Stroke through Retinal Vessel Assessment

4:15 - 4:30 JoAnn Verhoog (Verhoog Neuroscience Institute, IL USA): Enhancement of Weak Sensory and Motor Pathways by Intergration with Mental and Physical Processing

4:30 - 4:45 Cavin Balester (Feed a Brain, Austin, TX USA): Successful TBI Recovery via Innovative Therapies that Drive Structural Change

4:45 - 5:00 Session Discussion