



# TNS CONGRESS 2025 5-7 SEPTEMBER 2025

5th ANNUAL CONGRESS OF THE NEUROMODULATION SOCIETY



### 5 SEPTEMBER 2025

TIME: 14:00 HRS - 18:00 HRS

## Workshop on Non-Invasive Neuromodulation & Neurophysiology (Demonstration & Hands-on Training)

#### **MAIN TOPIC**

- Diagnostic Transcranial Magnetic Stimulation (TMS)
- Cervical Vagus Nerve Stimulation (cVNS)
- Transauricular VNS (taVNS)
- Transcranial Direct Current Stimulation (tDCS)
- Repetitive TMS (rTMS)

#### **VENUE**

Institute of Neurosciences Kolkata, Annex Building 10 West Range, Kolkata, West Bengal 700017

#### **FACULTY**

#### Stuart N Baker

Stuart N Baker, a renowned neuroscientist at Newcastle University, specializes in motor control, neurorehabilitation, and non-invasive neuromodulation. His pioneering research includes closed-loop systems, subcortical motor pathways, and neurophysiological methods to advance recovery following motor system injuries.

#### Mark R Baker

Mark R Baker is a renowned expert in sensorimotor systems neuroscience, serving as Professor of Experimental Neurology and Consultant in Clinical Neurophysiology at Newcastle University. With training from Cambridge and Yale Universities, he specializes in non-invasive neuromodulation and neurophysiology research.

#### Vivek Misra

Vivek Misra, Head of Neuromodulation and Clinical Neurosciences at Buddhi Clinic, Chennai, specializes in non-invasive brain stimulation. With training in Clinical Neuroscience (University of Madras) and fellowship in Brain Stimulation (Rambam, Israel), his research advances precision medicine in neuropsychiatric disorders, contributing internationally through publications and editorial roles.

#### Kaviraja Udupa

Kaviraja Udupa, Professor at NIMHANS, specializes in clinical neurophysiology and neuromodulation (DBS, TMS) for movement and mood disorders. He holds a PhD (NIMHANS), MD (JIPMER), post-doc (Toronto), and conducts research in neurobiology, therapeutic neuromodulation, and the science of yoga and consciousness, integrating neuroscience with traditional Indian medicine.

#### Sachin Pradeep Baliga

Sachin Pradeep Baliga is a distinguished senior consultant neuropsychiatrist. He is a nationally acclaimed expert in non-invasive neuromodulation techniques, and an active educator on psychiatric brain stimulation therapies.

#### **LOCAL FACULTY**

**Supriyo Choudhury**, Assistant Director of Research, Institute of Neurosciences Kolkata.

**Praveen Kumar,** HOD, Neuro-Psychiatry, Institute of Neurosciences Kolkata.

#### WHO CAN PARTICIPATE?

Neurologists, Psychiatrists, Neurosurgeons, Neurophysiologists, Pain Specialists, Rehabilitation Physicians, Technologists, Basic Scientists, and Allied Professionals.

Dinner at JW Marriott Hotel for all four workshop participants from 19:00 hrs onwards.