# NEUROPHYSIOLOGY FUNDAMENTALS

*Basics and Essentials of Neurophysiology and Neuromuscular Diseases*

**November 24, 2026 | EDSA Shangri-La, Manila | Hybrid Session**

| Time | Scientific Session / Topic | Faculty / Details |
|---|---|---|
| 8:00 AM–8:30 AM | **OPENING SESSION** | **Welcome Remarks:**<br>Dr. Loudella Calotes-Castillo - President, Philippine Society of Clinical Neurophysiology<br>**Opening Remarks:**<br>Dr. Josephine Gutierrez - President, Philippine Neurological Association<br>**Kickoff Address:**<br>Dr. Jeffrey Chen - President, Asian-Oceanian Chapter, IFCN<br>**Program Overview:**<br>Dr. Mark Anthony Sta Maria - Overall Chair, Neurophysiology Fundamentals Session |
| 8:30 AM–9:00 AM | **DISSECTING THE ACTION POTENTIAL: REVISITING BASIC NEUROPHYSIOLOGY** | Dr. Jose Paciano Reyes<br>Neurologist, Philippine General Hospital. Manila, Manila, Philippines |
| 9:00 AM–10:00 AM | **THE NERVE TOOLBOX: APPROACHING THE PERIPHERAL NERVE** | Dr. Ludwig Damian<br>Neurologist, St Luke's Medical Center, Manila, Philippines |
| 10:00 AM–11:00 AM | **THE MUSCLE PLAYBOOK: APPROACHING THE MUSCLE** | Dr. Marjorie Bagnas-Selibio<br>Neurologist, Kingston Health Science Center, Ontario, Canada |
| 11:00 AM–12:00 PM | **THE MOTOR NEURON KIT: APPROACHING THE MOTOR NEURON** | Dr. Nortina Sharizaila<br>Neurologist, University Malaya Medical Centre, Kuala Lumpur, Malaysia |
| 12:00 PM–1:00 PM | **LUNCH BREAK / HANDS-ON SESSION FOR DELEGATES** | |
| 1:00 PM–2:00 PM | **THE NMJ WORKBENCH: APPROACHING THE NEUROMUSCULAR JUNCTION** | Dr. Lo Yew Long<br>Neurologist, National Neuroscience Institute, Singapore |
| 2:00 PM–3:00 PM | **THE EVOKED POTENTIAL ARSENAL: APPROACHING THE CENTRAL SENSORY PATHWAYS** | Dr. Aatif Hussain<br>Neurologist, Duke University Medical Center, North Carolina, USA |
| 3:00 PM–4:00 PM | **THE TMS GEAR: APPROACHING THE CENTRAL MOTOR PATHWAYS** | Dr. Jeffrey Chen<br>Neurologist, Chang-Gung Memorial Hospital, Taiwan |
| 4:00 PM–5:30 PM | **BEST PRACTICES ON DIAGNOSIS AND TREATMENT OF NEUROMUSCULAR DISORDERS** | **Moderator:** Dr. Angela Pura-Pagdato, Neurologist, The Medical City, Philippines<br>**Discussants:** Dr. Reyes / Dr. Damian / Dr. Selibio / Dr. Sharizaila / Dr. Long / Dr. Hussein / Dr. Chen |
| 5:30-5:45 PM | **CLOSING SESSION** | Awarding of Speakers<br>Dr. Mark Anthony Sta Maria / Dr. Loudella Calotes-Castillo / Dr. Josephine Gutierrez<br>Closing Remarks and Invitation to Next Hands-On Session<br>Dr. Jeffrey Chen |

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| 5:45 PM ONWARDS | **FREE TIME / HANDS-ON SESSION FOR DELEGATES** | |