WE WELCOME

- Neurologists
- Neurosurgeons
- Neuroscientists
- Clinical Neurophysiologists
- Rehab Physicians
- General Physicians
- Orthopaedic Surgeons
- Master Trainees / Residents
- Allied Health Professionals
- Technologists

Organised By:
Malaysian Society of Neurosciences
Persatuan Neurosains Malaysia

Supported By:
IFCN

IFCN

Royale Chulan, Kuala Lumpur

www.aoccn2020.com
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9th to 12th April 2020

ASIAN-OCEANIAN CONGRESS ON CLINICAL NEUROPHYSIOLOGY
in conjunction with the
30th MALAYSIAN SOCIETY OF NEUROSCIENCES ANNUAL SCIENTIFIC MEETING

9th to 12th April 2020
Royale Chulan, Kuala Lumpur
www.aoccn2020.com
info@aoccn2020.com
Dear Colleagues,

On behalf of the Malaysian Society of Neurosciences, it is with pleasure that we invite you to attend the 7th Asian-Oceanian Congress on Clinical Neurophysiology (AOCCN) in conjunction with the 30th Malaysian Society of Neurosciences (MSN) Annual Scientific Meeting which will be held in Kuala Lumpur, Malaysia from 9th-12th April 2020.

Clinical neurophysiology plays an important role in medicine, particularly within the field of neurosciences. Accurate clinical diagnosis and procedural monitoring rely on well-executed neurophysiology and a greater understanding of disease pathophysiology and therapy can be achieved through research in clinical neurophysiology. It is thus not surprising that the field of clinical neurophysiology has seen rapid growth in recent years.

With support from the International Federation of Clinical Neurophysiology (IFCN) and its Asian-Oceanian chapter, AOCCN-MSN 2020 aims to provide attendees with a fundamental overview of the role of clinical neurophysiology in diseases of the central and peripheral nervous system as well as showcase the recent advancements and latest technology in this field. Our programme will include meet-the-expert sessions, workshops and scientific symposiums, featuring international and regional speakers. There will also be ample opportunities to share knowledge, exchange ideas and initiate collaborations.

We are confident that AOCCN-MSN 2020, set against the backdrop of our vibrant city of Kuala Lumpur, will provide delegates with a rewarding and memorable experience.

We look forward to welcoming you to Kuala Lumpur in 2020.

Nortina Shahrizaila and Ai-Huey Tan
Convenors of AOCCN-MSN 2020

AOCCN-MSN 2020 Committee Members

Congress Convenors
Nortina SHAHRIZAILA
Chair, MSN Clinical Neuropysiology Section
Ai-Huey TAN
President, Malaysian Society of Neuroscience (MSN)

Clinical Neurophysiology Section Committee
Nortina SHAHRIZAILA (Chair)
Rabani REMLI (Secretary)
Cheng-Yin TAN (Treasurer)
Khean-Jin GOH
Fu-Liong HIEW
Wan-Chung LAW
Beng-Hooi ONG
Ruban KANESALINGAM
Santhi Datuk PUVARAJAH

About Malaysian Society of Neuroscience (MSN)

Established on 3rd March 1989, the Malaysian Society of Neuroscience (MSN) is the professional body that represents Malaysian clinicians, scientists and allied health professionals in the various fields of neurosciences, and is part of the member societies of the World Federation of Neurology. MSN provides a platform for professional exchange, education and collaboration amongst its members, with the aim to promote advancement of neuroscience in the country. MSN also consists of various subspecialty chapters/councils including basic neuroscience, child neurology & developmental paediatrics, stroke, epilepsy, movement disorders, clinical neurophysiology & neuromuscular, and neuroimmunology & neuroinfection. With the increasing interest in neurosciences and the rapid development of this field in Malaysia and worldwide, MSN’s membership has been growing over the years, with over 700 members to date.

Website : www.neuro.org.my

About Clinical Neurophysiology Section, Malaysian Society of Neurosciences

Clinical Neurophysiology and Neuromuscular Section (CNNS), Malaysian Society of Neurosciences (MSN) is a chapter within the Society representing members of the MSN with an interest in clinical neurophysiology and/or neuromuscular disorders. Its’ objectives are to promote education and training of health professionals in the field of clinical neurophysiology and neuromuscular disorders; to continue to improve the practice of clinical neurophysiology through advice on methods, techniques and interpretation of results in clinical neurophysiology and to promote research in all branches in clinical neurophysiology and related sciences.

CNNS MSN was awarded the privilege of hosting the 7th Asian-Oceanian Congress on Clinical Neurophysiology 2020.
Dear Colleagues,

With great pleasure and also great expectations I invite you on behalf of the International Federation of Clinical Neurophysiology to join the next Asian-Oceanian Congress on Clinical Neurophysiology from April 9-12, 2020. This conference takes place right in the middle between the IFCN meetings in Washington 2018 and Melbourne 2022.

It will reflect a spectrum from established knowledge on an educational basis and contributions outlining future developments in world-wide clinical neurophysiology which will cover CN as an indispensable diagnostic tool as well as a further emerging therapeutic field. Also for many neighbouring areas such as neurology, psychiatry, paediatrics, neurosurgery and specialities such as epileptology, movement disorders, peripheral neuropathies, myopathies, intraoperative monitoring, sleep disorders, neurorehabilitation and others this conference will provide a unique opportunity for updating knowledge and networking.

Beyond these clinical aspects the IFCN also promotes the transfer of basic human neurophysiological knowledge incorporating translational aspects coming from animal experiments, computational neuroscience, studies on consciousness, neuroimaging and many more. Having seen the organisational efforts so far, I am convinced that Professor Ryusuke Kakigi representing the Asian-Oceanian Chapter and Professor Nortina Shahrizaila and A/ Professor Tan Ai-Huey representing the local organisation will organize an outstanding meeting. Last, but not least, particular weight will be put on networking opportunities of young clinical neurophysiologists.

Looking forward to meet you in Kuala Lumpur

Walter Paulus
President
International Federation of Clinical Neurophysiology (IFCN)
This is a welcome message to all colleagues and friends, not only in Asia and Oceania, but also throughout the world. The Seventh Asian and Oceanian Congress of Clinical Neurophysiology (7th AOCN) will be held in Kuala Lumpur, Malaysia from April 9-12, 2020.

As every clinician and researcher knows, clinical neurophysiology is very important not only in clinical medicine but also as a basic research field. In addition, neuroscience, particularly neuroimaging studies, is one of the hottest topics among all the scientific fields. Therefore, many young clinicians and researchers have recently become interested in this academic field.

Malaysia is a fascinating country with a long history. It is easy to experience an excellent mix of many cultures in Malaysia, since this is a really important meeting point of both eastern and western cultures. There are many places we can visit in the vibrant city of Kuala Lumpur and within short hours away, the UNESCO World Heritage sites of Malacca and Georgetown, Historic Cities of the Straits of Malacca. On top of this, Malaysia has created global recognition in recent times in terms of her economy as well as contribution to science.

The conference venue, Kuala Lumpur, is a symbol of historic as well as modern Malaysia. It is a city with many skyscrapers nestled between historical shop houses and busy alleys filled with street food. I am sure that all delegates will be impressed by the great hospitality of Malaysians and excellent and unforgettable Malaysian foods.

Since the first AOCN was held in Beijing, China, back in 1996, AOCN has been held in Manila, Chiang Mai, Seoul, Bali, and Bangalore. The AO chapter has made sure and steady progress by increasing the number of member countries as well as individual members. I hope that many members of the AO chapter will participate in this congress and continue to promote active mutual relationships among the societies of the AO chapter.

Ryusuke Kakigi
President of Asian-Oceanian Chapter of International Federation of Clinical Neurophysiology (IFCN)
Congress Planning Committees

Convenors of AOCCN 2020
Nortina SHAHRIZAILA
Chair, MSN Clinical Neuropysiology Section

Ai-Huey TAN
President, Malaysian Society of Neuroscience (MSN)

AOCCN 2020 Scientific Advisory Committee
Nortina SHAHRIZAILA, Co-chair
Khean-Jin GOH, Co-chair

MSN Scientific Committee
Fu-Liong HIEW
Chin-Yong KOK
Kheng-Seang LIM
Shen-Yang LIM
Beng-Hooi ONG
Rabani REMLI
Cheng-Yin TAN

International Advisory Committee

AO-IFCN
President
Ryusuke KAKIGI Japan

Secretary/Treasurer
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John DUNNE Australia
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Mathew ALEXANDER India
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Byung-Jo KIM Korea
Kyung-Seok PARK Korea
Hans DAMIAN Philippines
Yew-Long LO Singapore
Einar WILDER-SMITH Switzerland
Sung-Tsang HSIEH Taiwan
Charungthai DEJTHEVAPORN Thailand

IFCN
Renato VERDUGO Chile
Jorge GUTIERREZ Colombia
Walter PAULUS Germany
Ulf ZIEMANN Germany
Jonathan COLE UK
Mark HALLETT USA
Aatif HUSAIN USA
Donald SANDERS USA
General Meeting Information

Important Dates:

- Abstract Submission Open: 2 May 2019
- Registration Open: 8 July 2019
- Abstract Submission Deadline: 1 December 2019
- Abstract Notification Date: 2 January 2020
- Registration Cancellation Deadline: 14 January 2020
- Early Bird Registration Deadline: 15 January 2020

Kuala Lumpur, Malaysia. Visitor Information

Kuala Lumpur (called simply KL by locals) is the federal capital and the largest city in Malaysia.

Literally meaning “muddy river confluence” in Malay, Kuala Lumpur has grown from a small sleepy Chinese tin-mining village to a bustling metropolis of 7 million (city-proper population- 1.8 million) in just 150 years. A cultural melting pot with some of the world’s cheapest 5-star hotels, great shopping, even better food and some of nature’s wonders in just an hour away, this dynamic city has much to offer for every visitor.

Time Zone

Kuala Lumpur, Malaysia is in time zone UTC/GMT +8 hours.

VISA

Most visitors from ASEAN countries do not need a visa. Nationals from at least 125 countries do not need a visa for short stays.
- 40 countries (Asia & Oceania)
- 41 countries (Europe)
- 21 countries (America)
- 23 countries (Africa)


Conference Venue:

Royale Chulan Kuala Lumpur, Malaysia

Where Heritage meets Modern Luxury

Royale Chulan Kuala Lumpur brings a fusion of tradition and grandeur right at the heart of the city. Experience the highest grade of service rooted in Malay hospitality. Feel at ease in each lavish accommodation that takes inspiration from traditional design. It features a range of facilities that include fine-dining options and wellness treatments. Royale Chulan also offers easy access to the city’s prime destinations.

Airports

Direct flights from over 60 international airlines connecting 113 major cities in the world.
- Kuala Lumpur International Airport (KLIA)
  - 50 International Airlines
- Kuala Lumpur International Airport 2 (KLIA 2)
  - Low Cost Carrier Terminal. Air Asia connects up to 120 destinations within Asia

Local Currency

MYR is known as Malaysian Ringgit. Estimated exchange rate at MYR 4.00 = USD 1.00

Exhibitors & Sponsorship

Please email to info@aoccn2020.com or contact the Conference Secretariat at +60322760555 for more details on sponsorship or exhibiting at AOCCN 2020.
# Program Overview

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<td>Workshop 3 - Electroencephalography (EEG)</td>
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<td>Workshop 4 - Transcranial Magnetic Stimulation (TMS)</td>
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<td>Symposium 2 (S2) Motor Neurone Disease</td>
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<td></td>
<td>Symposium 3 (S3) IONM 1</td>
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<td>Lunch Symposums</td>
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<td>Symposium 4 (S4) Movement Disorders 2</td>
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<td>Symposium 5 (S5) Neuromuscular Junction and Related Disorders</td>
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<td>Symposium 6 (S6) IONM 2</td>
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<td>1830 - 2000</td>
<td>Dinner Symposums</td>
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<td>0830 - 1030</td>
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<td>Symposium 8 (S8) Nerve and Muscle 1</td>
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<td>Symposium 9 (S9) Noninvasive Brain Stimulation (NIBS) 1</td>
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<td>Symposium 12 (S12) NIBS 2</td>
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<tr>
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<td>0830 - 1000</td>
<td>Educational Course 1 (EC1) Single Fibre EMG</td>
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<td>Educational Course 2 (EC 2) Evaluation of Movement Disorders</td>
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<td>Educational Course 3 (EC3) Sonography in Neurological Disorders</td>
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<td>Educational Course 4 (EC4) Nerve and Muscle Excitability</td>
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<td>Educational Course 5 (EC5) Autonomic Neuropathy</td>
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<td>1000 - 1030</td>
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<tr>
<td>1230 - 1400</td>
<td>Awards &amp; Closing</td>
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</tbody>
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Plenary Lectures

Plenary 1: Face Perception in Humans
Congress Day 1: Friday, 10 April, 2020 | 1100 - 1130

Ryusuke KAKIGI (Japan)
Prof. Ryusuke Kakigi, M.D., Ph.D, received a degree in Medicine from the Faculty of Medicine, Kyushu University, Japan, in 1978. He served as an assistant professor in the Department of Internal Medicine, Saga Medical School, Japan, between 1981 and 1993. In between, he worked as an invited researcher at the Institute of Neurology, London University, London, U.K., between 1983 and 1985. He served as a Professor and Chairperson at the Department of Integrative Physiology, Okazaki, Japan, from 1993. His research interests include neuroimaging studies, mainly electroencephalography and magnetoencephalography. He is now focusing on face perception in humans.

Plenary 2: The Clinical Application of the ALS Electrodiagnostic Criteria
Congress Day 1: Friday, 10 April, 2020 | 1130 - 1200

David BURKE (Australia)
David Burke is Professor of Neurology at Royal Prince Alfred Hospital and University of Sydney. Previously he held Chairs of Clinical Neurophysiology and of Neurology at the University of New South Wales and was Chairman of the Department of Neurology, Prince Henry and Prince of Wales Hospitals. From 2002 to 2008, he was Dean of Research for the Health Faculties at University of Sydney and from 2008-2013 Bushell Professor of Neurology. He is a member of the Executive Committee of IFN, immediate past Editor of Clinical Neurophysiology, and currently inaugural Editor of Clinical Neurophysiology Practice.

Plenary 3: Clinical Neurophysiology of Movement Disorders - Example of Functional Movement Disorders
Congress Day 1: Friday, 10 April, 2020 | 1200 - 1230

Mark HALLETT (USA)
Dr. Hallett is the Chief of the Human Motor Control Section, National Institute of Neurological Disorders and Stroke, NIH, Bethesda. He is past President of the International Federation of Clinical Neurophysiology and the President of the newly founded Functional Neurological Disorder Society. Dr. Hallett is also remote past President of the Movement Disorder Society and past Editor-in-Chief of Clinical Neurophysiology. His work mainly deals with principles of motor control and the pathophysiology of movement disorders.

Plenary 4: Noninvasive Brain Stimulation - The Past, the Present and the Future
Congress Day 2: Saturday, 11 April, 2020 | 1100 – 1130

Walter PAULUS (Germany)
Walter Paulus is Professor and Chair and Clinical Director of the Department of Clinical Neurophysiology, University Medical Centre Göttingen, Germany since 1992. He is also a member of the supervisory board of the University Medical Centre. He was involved in the development of new stimulation methods for induction of neuroplasticity such as tDCS, tACS and tRNS. His clinical focus encompasses Parkinson’s disease, restless legs syndrome, epilepsy and pain. Two years ago he was awarded with the Hans Berger Preis of the German Society of Clinical Neurophysiology. Since 2018 he is president of the International Federation of Clinical Neurophysiology.

Plenary 5: Treatment Continuum of Non-Convulsive Status Epileptics
Congress Day 2: Saturday, 11 April, 2020 | 1130 – 1200

Aatif M. HUSAIN (USA)
Aatif M. Husain, M.D. is Professor, Department of Neurology, and Chief, Division of Epilepsy, Sleep and Clinical Neurophysiology at Duke University Medical Center, Durham, North Carolina. He is also the National Director of the Veterans Affairs Epilepsy Centers of Excellence. His clinical interests include treatment of acute seizures and status epilepticus, neurophysiologic intraoperative monitoring and general clinical neurophysiology. Dr Husain is currently the Editor-in-Chief of the Journal of Clinical Neurophysiology and the Treasurer of the International Federation of Clinical Neurophysiology. He is a past President of the American Clinical Neurophysiology Society and the American Board of Registration of EEG and EP Technologists.

Plenary 6: Training and Education in Clinical Neurophysiology: A Global Perspective
Congress Day 2: Saturday, 11 April, 2020 | 1200 – 1230

Jonathan COLE (UK)
Jonathan Cole is a consultant in Clinical Neurophysiology at Poole Hospital and Professor at Bournemouth University. He qualified from Oxford and The Middlesex Hospital, London and also undertook research in Oxford and Southampton. His main areas have been in sensory loss and motor control. He studied with Oliver Sacks as a medical student and has written five books on the subjective experience of chronic neurological impairment, related to deafferentation, spinal cord injury and facial difference. He is a past-President of the British Society for Clinical Neurophysiology, chaired the 2006 ICCN in Edinburgh and chair of the Europe-Middle East-Africa Chapter of the IFCN and sits on the IFCN ExCo.
Pre-Congress Workshops

**WORKSHOP 1**

*Intraoperative Neurophysiological Monitoring (IONM)*

Thursday, 9 April, 2020   l   0830 - 1710

Agenda:

0830 - 0910  SEP Monitoring  
Sandip CHATTERJEE (India)

0910 - 0950  MEP Monitoring  
Yew-Long LO (Singapore)

0950 - 1030  BAEP Monitoring  
Aatif M. HUSAIN (USA)

1030 - 1100  Coffee Break

1100 - 1140  EMG Monitoring: Free-Run and Triggered  
Tsui-Fen YANG (Taiwan)

1140 - 1200  EEG Monitoring  
Aatif M. HUSAIN (USA)

1220 - 1300  VEP Monitoring  
Kunihiko KODAMA (Japan)

1300 - 1400  Lunch

1400 - 1440  Mapping Methodologies  
Kyung-Seok PARK (South Korea)

1440 - 1520  Anaesthetic Considerations  
TBC

1520 - 1550  Tea Break

1550 - 1630  Artefacts, Trouble-shooting and Safety  
Ahmad Yanuar SAFRI (Indonesia)

1630 - 1710  IONM in Asia-Oceania: Current Status and Vision  
Kyung-Seok PARK (South Korea)

1400 - 1500  Electrodagnostic Approach to Motor Neurone Disease (with demonstration of MUNE)  
Satoshi KUWABARA (Japan)

1500 - 1600  Repetitive Nerve Stimulation in Neuromuscular Junction Disorder (with live demonstration)  
Donald B. SANDERS (USA)

1600 - 1630  Tea Break

1630 - 1730  Quantitative EMG Analysis  
Masahiro SONOO (Japan)

**WORKSHOP 2**

*Nerve Conduction Studies (NCS) / Electromyogram (EMG)*

Thursday, 9 April, 2020   l   0830 - 1730

Agenda:

0830 - 0900  NCS - Basic Principles and Pitfalls  
Jun KIMURA (USA)

0900 - 0930  Electrodiagnostic Approach to Brachial Plexopathies  
Jorge E. GUTIERREZ (Colombia)

0930 - 1000  The Value of H-Reflex and Other Late Responses in Disease (with live demonstration)  
David BURKE (Australia)

1030 - 1100  Coffee Break

1100 - 1200  Cranial Nerve Assessment and Demonstration  
Jun KIMURA (USA)

1200 - 1300  Approach to Muscle Disease and Basic EMG Demonstration  
Renato J. VERDUGO (Chile)

1300 - 1400  Lunch

1400 - 1500  The Origin of EEG, Recording Techniques and Quality  
John W. DUNNE (Australia)

0930 - 1000  Normal EEG: Awake (Children and Adults), Including Activation Procedures  
Chong-Tin TAN (Malaysia)

1130 - 1200  Focal epileptiform patterns - interictal: Utility and Limitations  
Yotin CHINVARUN (Thailand)

1230 - 1400  Lunch

1430 - 1500  Invasive Monitoring: When is it Necessary and What Techniques?  
Sinclair LIU (China)

1530 - 1600  Advances in EEG Analysis - Wide-Band EEG, Dense-Array EEG and Quantitative EEG  
Akio IKEDA (Japan)

1630 - 1700  Status Epilepticus and the Ictal-Interictal Continuum  
John W. DUNNE (Australia)

1700 - 1730  EEG Coma Patterns and Prognosis  
Kheng-Seang LIM (Malaysia)

**WORKSHOP 3**

*Electroencephalogram (EEG)*

Thursday, 9 April, 2020   l   0830 - 1730

Agenda:

0900 - 0930  The Origin of EEG, Recording Techniques and Quality  
John W. DUNNE (Australia)

0930 - 1000  Normal EEG: Awake (Children and Adults), Including Activation Procedures  
Chong-Tin TAN (Malaysia)

1130 - 1200  Focal epileptiform patterns - interictal: Utility and Limitations  
Yotin CHINVARUN (Thailand)

1230 - 1400  Lunch

1430 - 1500  Invasive Monitoring: When is it Necessary and What Techniques?  
Sinclair LIU (China)

1530 - 1600  Advances in EEG Analysis - Wide-Band EEG, Dense-Array EEG and Quantitative EEG  
Akio IKEDA (Japan)

1630 - 1700  Status Epilepticus and the Ictal-Interictal Continuum  
John W. DUNNE (Australia)

1700 - 1730  EEG Coma Patterns and Prognosis  
Kheng-Seang LIM (Malaysia)
WORKSHOP 4
Transcranial Magnetic Stimulation (TMS)
Thursday, 9 April, 2020   l   0830 - 1730

Agenda:
0830-0900   Introduction to TMS
Walter PAULUS (Germany)
0900 - 0930   Parameters of TMS
Ulf ZIEMANN (Germany)
0930 - 1000   Clinical Application of Motor Evoked Potentials (MEPs)
Mark HALLET (USA)
1000 - 1030   Introduction to rTMS
Ying-Zu HUANG (Taiwan)
1030 - 1100   Coffee Break
1100 - 1200   Live Demonstration - Acquisition of TMS Parameters
- Searching for the Motor Hot-Spot
- Measures of Motor Threshold
- Motor Evoked Potential
- Central Motor Conduction Time
- Paired Pulse Stimulation
- Cortical Silent Period
Yoshikazu UGAWA (Japan)
1200 - 1300   Hands-on Session
1300 - 1400   Lunch
1400 - 1530   Threshold-tracking TMS
Steve VUCIC (Australia)
1530 - 1600   Tea Break
1530 - 1730   Threshold-tracking TMS
TBC

WORKSHOP 5
Neuromuscular Ultrasound (NMUS)
Thursday, 9 April, 2020   l   0830 - 1730

Agenda:
0830 - 0900   Introduction to NMUS
Einar P. WILDER-SMITH (Switzerland)
0900 - 0930   NMUS In the Upper Extremities
Byung-Jo KIM (South Korea)
0930 - 1000   Overview of Quantitative Muscle Ultrasound
Nens VAN ALFEN (Netherlands)
1000 - 1030   Coffee Break
1100 - 1305   Hands-On Stations (SESSION 1)
Hands-on Station 1:
- Median, Ulnar and Radial Nerves
  Einar P. WILDER-SMITH (Switzerland)
Hands-on Station 2:
- Median, Ulnar and Radial Nerves
  Joy VIJAYAN (Singapore)
Hands-on Station 3:
- Muscle US in Upper Limbs
  Nens VAN ALFEN (Netherlands)
Hands-on Station 4:
- Brachial Plexus
  Byung-Jo KIM (South Korea)
Hands-on Station 5:
- Brachial Plexus
  Yu-ichi NOTO (Japan)
1305 - 1400   Lunch
1400 - 1430   NMUS in the Lower Extremities
Joy VIJAYAN (Singapore)
1430 - 1500   Ultrasound of the Diaphragm (with demonstration)
Nens VAN ALFEN (Netherlands)
1500 - 1530   US of Tongue and Cranial Nerves
Yu-ichi NOTO (Japan)
1530 - 1545   Tea Break
1545 - 1725   Hands-On Stations (SESSION 2)
Hands-on Station 1:
- Tibial, Peroneal and Sural Nerves
  Einar P. WILDER-SMITH (Switzerland)
Hands-on Station 2:
- Tibial, Peroneal and Sural Nerves
  Joy VIJAYAN (Singapore)
Hands-on Station 3:
- US of Diaphragm
  Nens VAN ALFEN (Netherlands)
Hands-on Station 4:
- Muscle US in Lower Limbs
  Byung-Jo KIM (South Korea)
Hands-on Station 5:
- Tongue and Other Cranial Nerves
  Yu-ichi NOTO (Japan)
Symposium - Congress Day 1 (10 April 2020)

CONCURRENT SESSIONS: 0830 - 1030

Symposium 1: Movement Disorders 1

Agenda:
- Evaluation of Tremors
  Pattamon PANAYAKAEW (Thailand)
- Evaluation of Myoclonus
  Hiroshi SHIBASAKI (Japan)
- Evaluation of Dystonia
  Pramod Kumar PAL (India)
- Focal Injection Therapies in Movement Disorders
  Raymond L. ROSALES (Philippines)

Symposium 2: Motor Neurone Disease

Agenda:
- Monomeric Amyotrophy - Experience from a Large Cohort
  Atcharayam NALINI (India)
- Neurophysiological Biomarkers in ALS
  Steve VUCIC (Australia)
- Role of Ultrasound in ALS
  Yu-ichi NOTO (Japan)
- Electrophysiologic Characteristics of Neuromuscular Junction in ALS
  Liying CUI (China)

Symposium 3: Intraoperative Neurophysiological Monitoring (IONM) 1

Agenda:
- IONM during Cerebrovascular Surgery
  Kunihiko KODAMA (Japan)
- Intraoperative Neuromonitoring and Mapping during Brain Tumour
  Tsui-Fen YANG (Taiwan)
- IONM in Spine Deformity Surgery
  Sandip CHATTERJEE (India)
- Monitoring of Peripheral Nerve Surgery
  Jorge E. GUTIERREZ (Colombia)

CONCURRENT SESSIONS: 1400 - 1530

Symposium 4: Movement Disorders 2

Agenda:
- Balance and Gait Assessment
  Margaret MAK (Hong Kong)
- Eye Movement Disorders due to Brainstem Dysfunctions
  Ji-Soo KIM (South Korea)
- Evaluation of the Vestibular System
  James COLEBATCH (Australia)

Symposium 5: Neuromuscular Junction and Related Disorders

Agenda:
- Clinical Overview of Myasthenia Gravis and Related Disorders
  Donald B. SANDERS (USA)
- Seronegative MG - Autoantibody Profiles and Clinical Features
  Yoon-Ho HONG (South Korea)
- Therapeutic Considerations in Myasthenia Gravis
  Tomihiro IMAI (Japan)

Symposium 6: Intraoperative Neurophysiological Monitoring (IONM) 2

Agenda:
- IONM of Brainstem - Focus on Corticobulbar MEP and Brainstem Reflexes
  Kyung-Seok PARK (South Korea)
- Update on Intraoperative Neuromonitoring of Cervical Spine Surgery
  Yew-Long LO (Singapore)
- Neurophysiologic Intraoperative Monitoring for Pain Surgeries
  Aatif M. HUSAIN (USA)
CONCURRENT SESSIONS: 0830 - 1030

Symposium 7: Epilepsy 1 - Advanced EEG Analysis in Clinical Practice

Agenda:
- Infraslow, DC Shift and High Frequency Oscillations: Established Tool or Research Topic?
  Akio IKEDA (Japan)
- Source Dipole Modelling: Established Tool or Research Topic?
  Yotin CHINVARUN (Thailand)
- MEG in Epilepsy: Established Tool or Research Topic?
  Shozo TOBIMATSU (Japan)
- EEG and fMRI recordings: Established Tool or Research Topic?
  John ARCHER (Australia)

Symposium 8: Nerve and Muscle 1

Agenda:
- Diabetic Neuropathies
  Einar P. WILDER-SMITH (Switzerland)
- Electrophysiological Features in GBS and CIDP
  Satoshi KUWABARA (Japan)
- Evaluation of Small Fibre Neuropathy and Therapeutic Progress
  Sung-Tsang HSIEH (Taiwan)
- Autonomic Dysfunction in Neurological Conditions
  Max J. HILZ (Germany)

Symposium 9: Noninvasive Brain Stimulation (NIBS) 1

Agenda:
- The Effects of Non-Invasive Brain Stimulation and Neuroplasticity
  Ying-Zu HUANG (Taiwan)
- Utility of Threshold-Tracking TMS in ALS
  Steve VUCIC (Australia)
- Probing the Pathophysiology of Movement Disorders with TMS
  Jung-E PARK (South Korea)
- EEG-TMS: Physiology and First Evidence of Clinical Utility
  Ulf ZIEMANN (Germany)

CONCURRENT SESSIONS: 1400 - 1530

Symposium 10: Epilepsy 2

Agenda:
- Temporal Plus Epilepsies
  Manjari TRIPATHI (India)
- Parietal Lobe Epilepsy
  Chong WONG (Australia)
- Multifocal Lesions
  Sinclair LIU (China)

Symposium 11: Nerve and Muscle 2

Agenda:
- Paraproteinaemic Neuropathies including POEMS
  Sonoko MISAWA (Japan)
- Neuromuscular Complications in HIV
  Fitri OCTAVIANA (Indonesia)
- Critical Illness-Associated Weakness
  Mathew ALEXANDER (India)
- Neuromuscular Manifestation of Nutritional Deficiencies
  Fu-Liong HIEW (Malaysia)

Symposium 12: Noninvasive Brain Stimulation (NIBS) 2

Agenda:
- Overview of Therapeutic Efficacy of Non-invasive Brain Stimulation in Stroke
  Ulf ZIEMANN (Germany)
- Rewiring Pain Through Non-Invasive Brain Stimulation
  Siobhan SCHABRUN (Australia)
- Therapeutic Application of TCS in Movement Disorders
  Yoshikazu UGAWA (Japan)
Educational Courses - Congress Day 3 – 12 April 2020

Educational Course 1

**Single Fibre EMG**  
Sunday, 12 April, 2020  |  0830 - 1230

**Agenda:**
- 0830 - 0930  |  Single-Fibre EMG: Recording Principles and Parameters  
    *Donald B. SANDERS (USA)*
- 0930 - 1030  |  Demonstration: Recording Jitter with Voluntary Activation  
    *Donald B. SANDERS (USA)*
- 1030 - 1100  |  Coffee Break
- 1100 - 1215  |  Stimulation Single-Fibre EMG - Methods and Pitfalls  
    *Masahiro SONOO (Japan)*
- 1120 - 1140  |  Demonstration: Stimulation Single-Fibre EMG  
    *Masahiro SONOO (Japan)*
- 1140 - 1230  |  Jitter Analysis with Concentric Needle EMG  
    *Donald B. SANDERS (USA)*

Educational Course 2

**Practical Approach to Evaluation of Movement Disorders**  
Sunday, 12 April, 2020  |  0830 - 1215

**Agenda:**
- 0830 - 0930  |  Sensori-Motor Organization of Focal Hand Dystonia  
    *Mathew ALEXANDER (India)*
- 0930 - 1030  |  Demonstration of Neurophysiological Evaluation of Myoclonus  
    *Hiroshi SHIBASAKI (Japan)*
- 1030 - 1100  |  Coffee Break
- 1100 - 1220  |  Tremors: Methods of Surface EMG and Accelerometry  
    *Pattamon PANYAKAEW (Thailand)*
- 1200 - 1215  |  Closing Remarks  
    *Mark HALLETT (USA)*

Educational Course 3

**Sonography in Neurological Disorders**  
Sunday, 12 April, 2020  |  0830 – 1200

**Agenda:**
- 0830 - 0915  |  Imaging As a Natural Complementary Test in Neuromuscular Medicine  
    *Einar P. WILDER-SMITH (Switzerland)*
- 0915 - 0945  |  NMUS in Focal Neuropathies  
    *Joy VIJAYAN (Singapore)*
- 0945 - 1030  |  NMUS in Inherited and Inflammatory Neuropathies  
    *TBC*
- 1030 - 1100  |  Coffee Break
- 1100 - 1145  |  Role of Quantitative Muscle US in Disease  
    *Nens VAN ALFEN (Netherlands)*
- 1145 - 1200  |  Closing Remarks  
    *Einar P. WILDER-SMITH (Switzerland)*

Educational Course 4

**Nerve and Muscle Excitability Studies**  
Sunday, 12 April, 2020  |  0830 – 1215

**Agenda:**
- 0830 - 0850  |  Introduction to Axonal Excitability Studies Using Threshold Tracking  
    *Satoshi KUWABARA (Japan)*
- 0850 - 0950  |  Demonstration of Axonal Excitability Studies  
    *Cindy, Shin-Yi LIN (Australia)*
- 0950 - 1010  |  Axonal Excitability in Diabetes  
    *Jia-Ying SUNG (Taiwan)*
- 1010 - 1030  |  Axonal Excitability in ALS  
    *Steve VUCIC (Australia)*
- 1030 - 1100  |  Coffee Break
- 1100 - 1215  |  Muscle Membrane Excitability (with demonstration)  
    *Karl NG (Australia)*
- 1200 - 1215  |  Closing Remarks  
    *David Burke (Australia)*

Educational Course 5

**Autonomic Neuropathy**  
Sunday, 12 April, 2020  |  0830 – 1200

**Agenda:**
- 0830 - 0930  |  Transient Loss of Consciousness - Differential Evaluation of “Blackouts”  
    *Max J. HILZ (Germany)*
- 0930 - 1030  |  Central Autonomic Regulation and the Brain-Heart Azis  
    *Max J. HILZ (Germany)*
- 1030 - 1100  |  Coffee Break
- 1100 - 1200  |  Fabry Disease: A Neurological and Neurophysiological Chameleon  
    *Max J. HILZ (Germany)*
Congress Registration

Important Dates

Registration Open: 8 July 2019  
Early Bird Registration Deadline: 15 January 2020

Registration is available online for the congress & course at http://aoccn2020.com/registrationInfo.php.

Registration Fees

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# Allied Health Professionals refers to Non-Clinicians and includes Technologists, Nurses and Therapists
* Low/Middle Income Countries are defined according to the World Bank Country Classification A and B. [For more info, please visit: http://aoccn2020.com/dwnlds/World_Bank_A_and_B_countries.pdf]
** Young Participants refer to any clinicians/researchers born after 1st January 1975 or those still in training including residents, fellows and students. Please e-mail a copy of official document indicating your age or a letter from your employer stating your training status to be eligible for this discount. Without documentation, the delegate will be charged the regular rate.

Workshop

Only Open to Congress Registrants

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INT: international delegates; MY: Malaysian delegates
Cancellation And Refund Policy
Please be advised that refunds are subject to an administration fee of USD75 for International and RM250 for Malaysian.

- Up to and including 14 January 2020 (early registration deadline): 100% refund.
- From 15 January 2020 – 1 March 2020: 50% refund.
- From 2 March 2020: No refunds.

If no refund is required but a change in participant registration is needed, then the Secretariat must be informed in writing via email to info@aoccn2020.com

Certificate Of Attendance
A certificate of attendance will be issued to all delegates. CPD / CME points pending approval.

Bank Details
If you are making payment via telegraphic transfers, bank charges are to be borne by delegate. All payment must be made to the following account:

Payment for AOCCN 2020 is to be made to :-
- Payable to: PERSATUAN NEUROSAINS MALAYSIA
- Bank Name: CIMB Bank Berhad
- Bank Address: LG 2.01, KL GATEWAY MALL, NO. 2, JALAN KERINCHI, GERBANG KERINCHI LESTARI, 59200 KUALA LUMPUR
- Account Number: 8009761641
- Swift Code: CIBBMYKL

Liability
The Organising Committee will not be liable for personal accidents, loss or damage to private property of the participants during duration of the congress. Participants should make their own personal arrangements.

Disclaimer
Whilst every attempt is made to ensure that all aspect of the congress as mentioned in this announcement will take place as scheduled, the Organising Committee reserves the right to make last minute changes should the need arise.
ASIAN-OCEANIAN CONGRESS ON CLINICAL NEUROPHYSIOLOGY
in conjunction with the
30th MALAYSIAN SOCIETY OF NEUROSCIENCES ANNUAL SCIENTIFIC MEETING

Organised By:
Malaysian Society of Neurosciences
Website: www.neuro.org.my

For Congress Enquiries Please Contact 7th AOCCN 2020 Conference Secretariat:
Medical Conference Partners
Tel: +603 7931 2856
Address: 9, Jalan 9/3, Section 9, 46000 Petaling Jaya, Selangor, Malaysia
Email: info@aoccn2020.com
Website: www.aoccn2020.com

IMPORTANT DATES

Abstract Submission Opens
2 May 2019

Registration Opens
8 July 2019

Abstract Submission Deadline
1 December 2019

Abstract Notification Date
2 January 2020

Registration Cancellation Deadline
14 January 2020

Early Bird Registration Deadline
15 January 2020

This announcement is correct at the point of sharing. Details will be updated as the planning progresses.