

The 52nd Annual Meeting of the Japanese Society of Clinical Neurophysiology

November 24-26th, 2022 in Kyoto

PROGRAM

As of November 4<sup>th</sup>

Dear colleagues from abroad,

Welcome to the English sessions by web conference system as follows.

Looking forward very much to joining English sessions.

With my best wishes,

Akio IKEDA, MD, PhD, FACNS



Convener, 52nd annual congress of JSCN  
Kyoto University Graduate School of Medicine

**English sessions: (p1-p6)**

**7 lectures, 3 symposiums, 1 workshop, 2 platform sessions from abroad**

**<https://www.c-linkage.co.jp/jscn2022/en/program.html>**

**Schedules at a glance (p7)**

**How to attend: free registration from abroad, just register as follows**

**<https://www.c-linkage.co.jp/jscn2022/en/registration.html>**

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**Presidential Lecture “Role of astrocyte in various brain disease as revealed by clinical wide-band EEG : Epilepsy, migraine, cerebrovascular disease, etc“**

**Date & Time: 13:20~13:50 (JST), November 25 (Fri), 2022**

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Yoshinobu Goto (Department of Physiology, School of Medicine, International University of Health and Welfare, Japan)

Speaker: Akio IKEDA (Department of Epilepsy, Movement Disorders and Physiology Kyoto University Graduate School of Medicine, Japan)

**Special Lecture 1 “Individualization of transcranial stimulation protocols for treatment of neurological and psychiatric diseases”**

Date & Time: 16:35~17:25 (JST), November 24 (Thu), 2022

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Akio IKEDA (Department of Epilepsy, Movement Disorders and Physiology Kyoto University Graduate School of Medicine, Japan)

Speaker: Walter Paulus (Emeritus Professor of Clinical Neurophysiology, University Medical Center Göttingen, Germany)

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### **Special Lecture 2 “Personalised approach to immune-mediated neuropathies”**

Date & Time: 10:55~11:45(JST), November 25 (Fri), 2022

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Tomihiro Imai (National Hospital Organization Hakone Hospital)

Speaker: Nortina Shahrizaila (University of Malaya, Kuala Lumpur, Malaysia)

### **Special Lecture 3 “Update on Deep Brain Stimulation for vegetative and minimal consciousness state”**

Date & Time: 13:20~14:10 (JST), November 25 (Fri), 2022

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Tetsuya Tamaki (Department of Orthopaedic Surgery, Aitoku Medical and Welfare Center, Japan)

Speaker: Vedran Deletis (Department of Neurosurgery, University Hospital, Dubrava, Zagreb, Croatia)

### **Special Educational Lecture 1 “Artifacts detection and pitfalls in EEG interpretation”**

Date & Time: 11:05~11:50 (JST), November 25 (Fri), 2022

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Hiroshi Shigeto (Division of Medical Technology, Department of Health Sciences, Graduate School of Medical Sciences, Kyushu University, Japan)

Speaker: Thoru Yamada (Division of Clinical Neurophysiology, Department of Neurology, University of Iowa, College of Medicine)

### **Educational Lecture 28 “Restless legs syndrome/Willis-Ekbom disease”**

Date & Time: 16:10~16:40 (JST), November 26 (Sat), 2022

Venue: Room 2 (Annex Hall 2, 1F, ICC Kyoto)

Chair: Naoko Tachibana (Center for Sleep-related Disorders, Kansai Electric Power Hospital/ Division of Sleep Medicine, Kansai Electric Power Medical Research Institute, Japan)

Speaker: Claudia Trenkwalder (Department of Neurosurgery, University Medical Center, Gottingen, Germany; Paracelsus-Elena Hospital, Center of Parkinsonism and Movement Disorders, Kassel, Germany)

### **Shimazono Lecture “Transition from conventional to modern EEG reading accelerated by MEG”**

Date & Time: 14:10~15:00 (JST), November 24 (Thu), 2022

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Nobuhiro Mikuni (Department of Neurosurgery, Sapporo Medical University, Japan)

Speaker: Nobukazu Nakasato (Department of Epileptology, Tohoku University Graduate School of Medicine, Japan)

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### **Symposium 1 “Cutting edge of functional brain mapping research and its clinical application”**

Date & Time: 8:30~10:00 (JST), November 24 (Thu), 2022

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Yoshinobu Goto (Department of Physiology, School of Medicine, International University of Health and Welfare, Japan)

Takashi Hanakawa (Integrated Neuroanatomy and Neuroimaging, Kyoto University Graduate School of Medicine)

#### **SY01-1 Neuroimaging of hearing impairments**

Hidehiko Okamoto (Department of Physiology, International University of Health and Welfare Graduate School of Medicine, Japan)

#### **SY01-2 clinical application of motor mapping**

Rei Enatsu (Department of neurosurgery, Sapporo medical university, Japan)

#### **SY01-3 Functional brain mapping with electrical cortical stimulation**

Masaki Iwasaki (Department of Neurosurgery, National Center Hospital, National Center of Neurology and Psychiatry Japan)

#### **SY01-4 The future prospects and clinical applications of functional neuroimaging**

Takashi Hanakawa (Integrated Neuroanatomy and Neuroimaging, Kyoto University Graduate School of Medicine, Japan)

#### **SY01-5 Language network mapping - State-of-the Art 2022**

Riki Matsumoto (Division of Neurology, Kobe University Graduate School of Medicine, Japan)

### **Symposium 9 “Benign adult familial myoclonic epilepsy (BAFME): Update on clinical neurophysiology and molecular genetics”**

Date & Time: 17:20~18:30 (JST), November 24 (Thu), 2022

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Akio Ikeda (Department of Epilepsy, Movement Disorders and Physiology Kyoto University Graduate School of Medicine, Japan)

Hiroshi Shigeto (Division of Medical Technology, Department of Health Sciences, Graduate School of Medical Sciences, Kyushu University, Japan)

#### **SY09-1 Clinical and electroencephalographic features of benign adult familial myoclonic epilepsy**

Tomoko Toyota (Department of Neurology, University of Occupational and Environmental Health, Japan)

#### **SY09-2 New Biomarkers for Benign Adult Familial Myoclonus Epilepsy**

Maya Tojima (Department of Neurology, Kyoto University Graduate School of Medicine, Japan)

#### **SY09-3 Genetic Analysis of Benign Adult Familial Myoclonic Epilepsy (BAFME)**

Terasaki Akane (Sanshu Wakitaoka Hospital/Kagoshima University Graduate School of Medical and Dental Sciences, Japan)

#### **SY09-4 A role of aging in the progression of cortical excitability in BAFME type 1**

Neshige Shuichiro (Department of Neurology, Kyoto University Graduate School of Medicine /Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences, Japan)

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### **Symposium 10 “Half century of EP/ERP: From the past to the future of clinical neurophysiology”**

Date & Time: 8:30~10:00 (JST), November 25 (Fri), 2022

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Hirooki Yabe (Department of Neuropsychiatry, Fukushima Medical University, Japan)

Ryusuke Kakigi (National Institute for Physiological Sciences, Japan)

#### **SY10-1 Discovery of ABR and VEP: their contributions to clinical neurophysiology**

Shozo Tobimatsu (Department of Orthoptics, Faculty of Medicine, Fukuoka International University of Health and Welfare, Japan)

#### **SY10-2 Somatosensory evoked potential studies: from the past to the future**

Isamu Ozaki (Department of Physical Therapy, Faculty of Health Sciences, Aomori University of Health and Welfare, Japan)

#### **SY10-3 MRCP, discovery of waveform to time frequency analysis for motor-related brain mapping: past, current, and future**

Neshige Shuichiro (Department of Neurology, Kyoto University Graduate School of Medicine / Department of Clinical Neuroscience and Therapeutics, Hiroshima University Graduate School of Biomedical and Health Sciences, Japan)

#### **SY10-4 Event related potentials and their clinical applications: from the past to the future**

Katsuya Ohta (Onda-daini Hospital, Japan)

### **Workshop 4 “Clinical case discussion for problematic MEG”**

Date & Time: 16:30~18:00 (JST), November 25 (Fri), 2022

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Masayuki Hirata (Department of Neurological Diagnosis and Restoration, Osaka University Graduate School of Medicine)

Masao Matsushashi (Department of Epilepsy, Movement Disorders and Physiology, Kyoto University Graduate School of Medicine, Japan)

#### **WS4-1 Left mesial temporal epilepsy with hippocampal sclerosis showing discordance of language laterality between MEG and fMRI**

Ryuzaburo Kochi (Department of Epilepsy, Tohoku University Graduate School of Medicine)

#### **WS4-2 Occipital lobe dissection and temporal lobectomy for an infantile case with structural focal epilepsy.**

Yasuyoshi Hiramatsu (Department of Pediatrics, Faculty of Medicine and Graduate School of Medicine, Hokkaido University Japan)

#### **WS4-3 A case of drug-resistant epilepsy with sleep-related hyperkinetic seizures following Japanese encephalitis vaccination**

Khoo Hui Ming (Department of Neurosurgery, Osaka University Graduate School of Medicine Japan)

#### **WS4-4 A Case Presentation of MRI-Negative Left Parietal Lobe Epilepsy**

Yuki Kawamura (Department of Neurology, Kyoto University Graduate School of Medicine, Japan)

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### **IFCN Asia-Oceania English Session 1**

Date & Time: 12:30~13:10 (JST), November 26 (Sat), 2022

Venue: Room 1 (Room A, 2F, ICC Kyoto)

Chair: Kiyohide Usami (Department. of Neurology, Kyoto University Graduate School of Medicine, Japan)  
Kyoko Kanazawa (Department of Neurology, National Center of Neurology and Psychiatry, Japan)

#### **ES1-1 A study of video-EEG duration in outpatients on the detection of epileptiform discharges**

**Zhang Yuexin**<sup>1</sup>, Chen Runze<sup>1</sup>, Li Jing<sup>1</sup>, Qu Kaixuan<sup>2</sup>, Zeng Minling<sup>3</sup>, Wang Ying<sup>4</sup>, Wang Li<sup>1</sup>, Lin Yicong<sup>1</sup>,  
Wang Yuping<sup>1</sup>

<sup>1</sup> Xuanwu Hospital of Capital Medical University, Beijing, China

<sup>2</sup> The Fifth Clinical Medical College of Henan University of Chinese Medicine (Zhengzhou People's Hospital), Zhengzhou, China

<sup>3</sup> The Third Clinical Medical College of the Three Gorges University (Gezhouba central hospital of Sinopharm), Yichang, China

<sup>4</sup> People's Hospital Of Xunxian, Hebi, China

#### **ES1-2 PREVALENCE OF UNDIAGNOSED SLEEP APNEA AMONG EMERGENCY AMBULANCE DRIVER WITH NON-COMMUNICABLE DISEASE AND ITS IMPACT ON DRIVING SAFETY**

**Rosdi Zainol**<sup>1</sup>, Shuib Rambat<sup>2</sup>, Norazlinda Saad<sup>3</sup>

<sup>1</sup>Neurology Department, Hospital Kuala Lumpur, Malaysia

<sup>2</sup>Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia, Kuala Lumpur, Malaysia

<sup>3</sup>College of Arts and Sciences, Universiti Utara Malaysia, Sintok, Malaysia

#### **ES1-3 The value of surface sphenoidal electrode in electroencephalogram in patients with temporal epileptiform discharges**

**Li Wang**<sup>1</sup>, Xiaomin Sun<sup>2</sup>, Yicong Lin<sup>1</sup>

<sup>1</sup>Department of Neurology, Xuanwu Hospital, Capital Medical University, Beijing, China

<sup>2</sup>Department of Neurology, Tengzhou Central People's Hospital, Tengzhou, Shandong, China

#### **ES1-4 A study of different calculation methods of spike and wave index in electrical status epilepticus during sleep.**

**Kaixuan Qu**, Jin Zhang, Changxin Dou, Xuan Zhao, Li Wang, Yicong Lin, Yuping Wang

<sup>1</sup>Department of Neurophysiology, the Fifth Clinical Medical College of Henan University of Chinese Medicine (Zhengzhou People's Hospital), China

<sup>2</sup>Department of Neurology, Xuanwu Hospital, Capital Medical University, Beijing, China

<sup>3</sup>Funding: Key Research Project of Beijing Natural Science Foundation, China

#### **ES1-5 Withdraw**

### **IFCN Asia-Oceania English Session 2**

Date & Time: 14:00~14:30 (JST), November 26 (Sat), 2022

Venue: Room 2 (Annex Hall 2, 1F, ICC Kyoto)

Chair: Hiroyuki Nodera (Department of Neurology, Tenri Hospital, Japan)

Kokubun Norito (Department of Neurology, Dokkyo Medical University, Japan)

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**ES2-1 GUILLEIN-BARRE SYNDROME AFTER APPENDECTOMY: A CASE REPORT**

**Von Edward S. Salcedo**, Marissa T. Ong

Department of Neurosciences, East Avenue Medical Center, Quezon City, Philippines

**ES2-2 A case of AMSAN type of Guillain Barre Syndrome (with bifacial palsy and tetraparesis )**

**Uyanga Dashtseren**, Nyamkhand B.

Department of Neurology, State second general hospital, Ulaanbaatar , Mongolia

**ES2-3 A Case Report: Electrophysiology Findings in an Indonesian Male with Autosomal Recessive Hereditary Spastic Paraplegia Type 15 Carrying Two Novel Heterozygous ZFYVE26 Variants**

**Ni Nengah Rida Ariarini**<sup>1,2\*</sup>, Luh Ari Indrawati<sup>2,3\*</sup>, Winnugroho Wiratman<sup>1,2,3</sup>, Riwanti Estiasari<sup>1,2,3</sup>, Diatri Nari Lastri<sup>2,3</sup>, Amanda Tiksnadi<sup>1,2,3</sup>, Yetty Ramli<sup>2,3</sup>

<sup>1</sup> Department of Neurology, Universitas Indonesia Hospital, Indonesia

<sup>2</sup> Faculty of Medicine, Universitas Indonesia, Indonesia

<sup>3</sup> Department of Neurology, Dr. Cipto Mangunkusumo General Hospital, Indonesia \*equal contribution

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### The 52nd Annual Meeting of the Japanese Society of Clinical Neurophysiology (JSCN2022 in Kyoto)

Day01 November 24th 2022

		Time(JST)		7:00		8:00		9:00		10:00		11:00		12:00		13:00		14:00		15:00		16:00		17:00		18:00															
F	Room	#	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00														
R o o m 1	2 F	Room A	700	Japanese		8:00-8:30 Opening Remarks		English		8:30-10:00 Symposium 01 Cutting edge of functional brain mapping research and its clinical application		Japanese		10:10-11:00 Tokizane Lecture		English		11:05-11:50 Special Educational Lecture Artifacts detection and pitfalls in EEG interpretation		Japanese		12:00-13:00 LS01		English		13:20-13:50 Presidential Lecture		English		14:10-15:00 Simazono Lecture What magnetoencephalography brought us		Memoria		English		16:35-17:25 Special Lecture01 Individualization of transcranial stimulation protocols for treatment of neurological and psychiatric diseases		English		17:25-18:35 Symposium 09 Benign adult familial myoclonic epilepsy (BAFME): Update on clinical neurophysiology and molecular genetics	
				R o o m 2	1 F	Annex Hall 2	500	Japanese		8:30-9:00 Educational Lecture		Japanese		9:35-10:05 Educational Lecture		Japanese		10:40-11:10 Educational Lecture		English		12:00-13:00 Role of astrocyte in various brain disease as revealed by clinical wide-band EEG : Epilepsy, migraine, cerebrovascular		Japanese		13:20-13:50 Educational Lecture		Japanese		13:50-14:30 Educational Lecture		14:30-15:00 Educational Lecture		17:20-17:50 Educational Lecture		17:50-18:35 Educational Lecture					

### The 52nd Annual Meeting of the Japanese Society of Clinical Neurophysiology (JSCN2022 in Kyoto)

Day 02 November 25th 2022

		Time(JST)		7:00		8:00		9:00		10:00		11:00		12:00		13:00		14:00		15:00		16:00		17:00		18:00																				
F	Room	#	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00																			
R o o m 1	2 F	Room A		English		8:30-10:30 Symposium10 Half century of EP/ERP: From the past to the future of clinical neurophysiology/Half century of EP/ERP: From the past to the future of clinical neurophysiology		Japanese		Special Educational Lecture 02		English		10:55-11:45 Special Lecture 02 Personalised approach to immune-mediated neuropathies		Japanese		12:00-13:00 LS05		English		13:20-14:10 Special Lecture 03 Update on Deep Brain Stimulation for vegetative and minimal consciousness		Japanese		14:20-15:10 Special Educational Lecture03		16:30-18:00 Workshop 04 Clinical case discussion for problematic MEG																		
				R o o m 2	1 F	Annex Hall 2	Japanese		8:20-8:50 Educational Lecture 20		Japanese		9:20-9:50 Educational Lecture 21		Japanese		10:35-11:05 Educational Lecture 22		Japanese		11:05-11:35 Educational Lecture 23		Japanese		11:35-12:05 Educational Lecture 24		Japanese		12:00-13:00 LS08		Japanese		13:20-13:50 Educational Lecture 25		English		IFCN Asia-Oceania English Session 2		Japanese		15:10-15:40 Educational Lecture 26		Japanese		15:40-16:10 Educational Lecture 27	

### The 52nd Annual Meeting of the Japanese Society of Clinical Neurophysiology (JSCN2022 in Kyoto)

Day 03 November 26th 2022

		Time(JST)		7:00		8:00		9:00		10:00		11:00		12:00		13:00		14:00		15:00		16:00																								
F	Room	#	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30	00	30																								
R o o m 1	2 F	Room A	Opening		Japanese		8:20-8:55 Technical Workshop 01		Japanese		8:55-9:45 Technical Workshop 02		Japanese		9:45-10:45 Technical Workshop03		Japanese		10:55-11:40 Technical Workshop04		Next meetin		English		IFCN Asia-Oceania English Session 01		Japanese		13:20-14:20 Technical Workshop05		14:35-16:20 Technical Workshop06															
			R o o m 2	1 F	Annex Hall 2	Japanese		8:20-8:50 Educational Lecture 20		Japanese		9:20-9:50 Educational Lecture 21		Japanese		10:35-11:05 Educational Lecture 22		Japanese		11:05-11:35 Educational Lecture 23		Japanese		11:35-12:05 Educational Lecture 24		Japanese		12:00-13:00 LS08		Japanese		13:20-13:50 Educational Lecture 25		English		IFCN Asia-Oceania English Session 2		Japanese		15:10-15:40 Educational Lecture 26		Japanese		15:40-16:10 Educational Lecture 27		English