

# ICCN2010 POSTER SESSION (Talking Poster)

**Oct. 30, Saturday 11:10-**

## P11 TMS (1)

Chair: Terao Y

Venue A Portopia Hall

Presentation Order	Name	Title
Poster Number	Name	Title
1 P11-1	Oouchida, Yutaka	Inhibitory 1 Hz TMS to Supplementary motor area reduced action tremor.
2 P11-2	Houdayer, Elise	Ventral premotor-motor interaction in surround inhibition and movement preparation in focal hand dystonia.
3 P11-3	Rakowicz, Maria J.	Cortical excitability and functional state of corticospinal pathway among presymptomatic spinocerebellar ataxia type 1 gene carriers
4 P11-4	Rakowicz, Maria J.	The Influence of the Repetitive Transcranial Magnetic Stimulation on Motor symptoms in Parkinson Disease
5 P11-5	Bares, Martin	Is the cerebellum potential target for stimulation in Parkinson disease? The effect of 1 Hz rTMS over the cerebellum on the upper limb motor tasks.
6 P11-6	Nakamura, Motoaki	Navigation-guided repetitive transcranial magnetic stimulation (rTMS) applied to major depression and rTMS-induced increase of gray matter volume
7 P11-7	Ilic, Tihomir V	Slow-rate tonic rTMS combined with sleep deprivation in treatment of pharmacoresistant depression
8 P11-8	Chistyakov, Andrei	ANTIDEPRESSANT EFFECTS OF DIFFERENT SCHEDULES OF THETA-BURST TMS IN PATIENTS WITH MAJOR DEPRESSION.
9 P11-9	Hosomi, Koichi	Cortical excitability changes in high-frequency rTMS for central post-stroke pain
10 P11-10	Kobayashi, Masahito	Effect of rTMS over unaffected M1 on motor performance and motor skill learning with affected hand of chronic stroke patients
11 P11-11	Koganemaru, Satoko	Long lasting effects of repeated upper-limb extensor training combined with rTMS in chronic stroke patients
12 P11-12	Furtula, Jasna	Triple Stimulation Technique applied on ALS patients and control subjects
13 P11-14	Kimiskidis, Vasilios K.	Transcranial magnetic stimulation terminates epileptiform discharges in patients with partial epilepsy: a combined EEG-TMS study
14 P11-17	Murakami, Takenobu	Changes in excitability of the human motor cortex face area by observing speech
15 P11-18	Restle, Julia	Intermittent theta burst stimulation over Broca's area improves imitation of a foreign language
16 P11-19	Rossi, Simone	Cortical functional connectivity in the Vegetative State and Minimally Conscious State: an investigation with TMS-Evoked Potentials (TEPs)
17 P11-20	Vaalto, Selja	Effect of 1-Hz rTMS on spastic hemiparesis in CP-patients with ipsi- or bilateral corticospinal motor tracts: a report of first two cases
18 P11-21	Wu, Zin-An	Migraine prophylaxis by theta burst stimulation over primary motor cortex
19 P11-22	Zaaroor, Menashe	CORTICOSPINAL EXCITABILITY IN NORMAL PRESSURE HYDROCEPHALUS
20 P11-23	ting, simon ks	An open-label study of short duration repetitive transcranial magnetic stimulation (rTMS) for tinnitus treatment in an Asian population

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21 P11-24	Matsumoto, Hideyuki	Cauda equina conduction time in patients with acquired demyelinating polyneuropathy
22 P11-25	Yoshinaga, Koichiro	BOLD changes detected after repetitive transcranial magnetic stimulation
23 P11-26	ATTAL , Nadine	LONG TERM ANALGESIC EFFICACY OF TRANSCRANIAL MAGNETIC STIMULATION OF THE MOTOR CORTEX IN PATIENTS WITH FIBROMYALGIA

### P12 Peripheral neuropathy, Nerve conduction (2)

Chair: Baba M

Venue B South Wing 1F Ohwada A

<u>Presentation Order</u>	<u>Name</u>	<u>Title</u>
<u>Poster Number</u>		
1 P12-1	R, Subasree	Subtyping Guillain-Barre Syndrome: Utility of Clinical Evaluation and Sensory Conduction Studies
2 P12-2	Incesu, Tulay K.	DIAGNOSTIC VALUE OF LUMBAR ROOT STIMULATION AT EARLY STAGE OF GUILLAIN-BARRE SYNDROME
3 P12-3	Nafissi, Shahriar	Electrophysiologic findings in Guillain-Barre Syndrome
4 P12-5	Nishijima, Haruo	Hypogeusia in Guillain-Barre syndrome: a longitudinal study by electrogustometry
5 P12-6	Huang, Chun-Ping	Acute hepatitis B related sensory dominant sensorimotor demyelinating polyneuropathy or a variant of Guillain-Barre syndrome?
6 P12-8	Aysal, Fikret	MIXED NERVE CONDUCTION STUDIES AS A PREDICTOR OF RESPONSE TO TREATMENT IN CHRONIC DEMYELINATING NEUROPATHY
7 P12-9	Kokubun, Norito	Conduction block in acute motor axonal neuropathy
8 P12-10	Boerio-Gueguen, Delphine	Multiple measures of peripheral nerve excitability in vivo in a mouse model of demyelinating neuropathy.
9 P12-11	Sekiguchi, Kenji	Nerve conduction characteristics of infliximab induced demyelinating neuropathy
10 P12-12	Notghi, Lesley M.	Neonatal axonal neuropathy: a curious presentation of congenital hypomyelination
11 P12-13	Tankisi, Hatice	Is there a reverse correlation between distal CMAP Amplitude and Duration in Axonal and Demyelinating Polyneuropathies?
12 P12-14	Dbouk, Mohamad Baker	Melanoma Associated CIDP, Report of Two New Cases and Literature Review
13 P12-15	Lim, Young-Min	Clinically evident central nervous system demyelination in chronic inflammatory demyelinating polyneuropathy
14 P12-16	Gratacos, Margarida	NEUROPHYSIOLOGICAL CHARACTERIZATION OF MILLER FISHER SYNDROME PATIENTS : Report of 10 patients.
15 P12-17	Le, Tuan Tu Quoc	Clinical features and laboratory findings of 7 case with Miller-Fisher syndrome in ChoRay hospital
16 P12-18	Straver, Dirk C. G.	Exercise-induced weakness in demyelinating neuropathies
17 P12-19	Straver, Dirk C.	Cold paresis in multifocal motor neuropathy
18 P12-20	van Dijk, Johannes P.	Age-related changes in motor unit number estimates in adult patients with Charcot-Marie-Tooth type 1A

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19 P12-21	Alcantara, Monica C.	High resolution ultrasound of cervical roots and phrenic nerves in Charcot-Marie-Tooth disease type 1A(CMT1A) - a contribution to neurophysiology
20 P12-22	Arimura, Yumiko	Correlation between electrophysiological findings and genotype in CMT
21 P12-23	Verma, Kamal K.	Electrophysiology in Charcot Marie Tooth disease Type 1A and hereditary neuropathy with liability to pressure palsies - A Singapore Experience
22 P12-25	JANKELOWITZ, Stacey K	Axonal Excitability in HNPP
23 P12-27	Lim, Thien Thien	Hirayama Disease

### P13 EMG

Chair: Sonoo M

Venue C South Wing 1F Ohwada B

<u>Presentation Order</u>	<u>Name</u>	<u>Title</u>
Poster Number		
1 P13-2	Ohtsuka, Hiroyuki	Modulation of cutaneous reflexes during preparation of the contralateral finger movement
2 P13-4	Uesugi, Haruo	"Clustering index method": a new technique for differentiation between neurogenic and myopathic changes using surface EMG.
3 P13-6	Nakamura, Hideo	A simultaneous measurement system for MU discharge property and conduction velocity with multi-channel surface EMG signals
4 P13-7	Koga, Hiroharu	Objective Evaluation of Swallowing Function of Normal Subjects and Patients Using Surface Electromyography: age effect and clinical usefulness
5 P13-8	Tarata, Mihai T	Neuromuscular fatigue can be efficiently monitored through the SEMG signal
6 P13-9	Tarata, Mihai T	SEMG derived parameters vs blood oxygen saturation in monitoring neuromuscular fatigue
7 P13-10	Sasada, Syusaku	Arm pedaling modulates short latency reflex from ankle dorsiflexor afferents to knee extensor muscles
8 P13-12	Takesada, Masataka	Relationship between mechanomyographic activity and muscle length during single twitch contraction
9 P13-13	Oge, A. Emre	DECLINE OF COMPOUND MUSCLE ACTION POTENTIALS AND STATISTICAL MUNE <sub>s</sub> DURING WALLERIAN DEGENERATION
10 P13-14	Daube, Jasper R.	Quantitative analysis of myotonic discharges to better distinguish neuromuscular disorders
11 P13-15	Kurokawa, Katsumi	Active myopathy in neck extensor muscles in parkinsonism patients with dropped head syndrome
12 P13-16	Papagianni, Aikaterini E	Turns Amplitude analysis of facial muscles in normal subjects and myopathic patients.
13 P13-17	Cinar, Nilgun	REPETITIVE STIMULATION TEST FINDINGS IN RECOVERY FROM PERIPHERIC FASIAL PARALYSIS
14 P13-18	Yayla, Vildan	ESTIMATION OF PROGNOSIS BY CMAP RESPONSES RECORDED FROM DIFFERENT FACIAL MUSCLES IN ACUTE FACIAL PALSY
15 P13-19	Ozdemirkiran, Tolga	MOTOR UNIT ACTION POTENTIALS OF THE CREMASTER MUSCLE
16 P13-20	Ozdemirkiran, Tolga	WIDE RECEPTIVE FIELD OF CREMASTERIC REFLEX (CMR) IN HUMAN ADULT MALES

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17 P13-21	Rotar, Melita	Uroneurophysiologic findings in 341 consecutive patients referred because of "sphincter dysfunction"
18 P13-22	Mishima, Daitoku	Identification of the waveform to show the damage of motor pathway in the free-run EMG of the operations for spinal cord: A case study
19 P13-26	Podnar, Simon	PNEUMOTHORAX AFTER NEEDLE ELECTROMYOGRAPHY OF THE DIAPHRAGM: A CASE REPORT AND CRITICAL ANALYSIS
20 P13-27	Shahdevi, Kurniawan	FACIOSCAPULOHUMERAL MUSCULAR DYSTROPHY

### P14 SEP, Pain

Chair: Ozaki I

Venue D South Wing 1F Ohwada C

<u>Presentation Order</u> Poster Number	<u>Name</u>	<u>Title</u>
1 P14-2	Fukushima, Masato	Awareness and somatosensory event-related potentials following near threshold stimuli
2 P14-3	Joutsen, Atte	Median nerve somatosensory evoked potential recordings using surface and needle electrodes
3 P14-4	Houze, Berengere	Cortical representation of the human hand assessed by SEPs. Effect of rTMS
4 P14-5	Kornhuber, Malte E.	Augmentation of Late Somatosensory Evoked Potentials (Late SEP) by Train Stimuli
5 P14-6	Oishi, Chizuko	Utility of somatosensory evoked potential (SEPs) for the diagnosis of sensory CIDP
6 P14-7	Visani, Elisa	Somatosensory evoked potentials recovery function in patients with cortical myoclonus
7 P14-9	Sultan, Hussein A	Somatosensory evoked potential as an add-on diagnostic procedure to imaging studies in patients with lumbosacral spinal canal Stenosis
8 P14-10	Hill, Aron T	Does neck flexion reduce the cervical (N13) waveform amplitude in patients with Hirayama disease undergoing somatosensory evoked potential studies?
9 P14-11	Chan, YeeCheun	Muscle afferent somatosensory evoked potentials in the evaluation of functional recovery in patients after lumbar spine surgeries
10 P14-12	Ooba, Hiroshi	Increasing high frequency oscillations (HFOs) in patients with brain tumorsimplication for increasing amplitude of N20
11 P14-13	Sakura, Yuji	Very High Frequency Oscillations (Over 1000 Hz) of Somatosensory Evoked Potentials Directly Recorded From the Human Brain
12 P14-14	Lai, Kuan-Lin	Enhanced subcortical excitability in patients with migraine revealed by high-frequency oscillations
13 P14-16	Shimazu, Hideki	High-frequency SEP components (HFOs) generated in the primary motor cortex of the primates
14 P14-18	Vollono, Catello	Nociceptive processing in pregnancy: a contact heat evoked potential study
15 P14-19	Chao, Chi-Chao	Pathophysiology of painful neuropathy: correlations of contact heat evoked potential with skin innervation
16 P14-20	de Tommaso, Marina	EFFECTS OF HIGH FREQUENCY REPETITIVE TRASCANIAL MAGNETIC STIMULATION OF PRIMARY MOTOR CORTEX ON LASER EVOKED POTENTIALS IN MIGRAINE
17 P14-21	Otsuru, Naofumi	Assessing A-delta fiber function with lidocaine using intra-epidermal electrical stimulation

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18 P14-23	Bastuji, Helene	Functional dissociation of lateral and medial pain systems during sleep. A study with intracranial recordings in humans.
19 P14-24	Fabrizi, Lorenzo	Development of a cortical electrophysiological response to noxious stimulation in human infants
20 P14-25	Duez, Lene	Effects of evoked pain on the muscle action potential obtained by direct muscle stimulation.
21 P14-26	Smith, Benn E.	UPPER AND LOWER LIMB Ad FIBER CONDUCTION VELOCITIES BY CONTACT HEAT EVOKED POTENTIAL STIMULATION (CHEPS)
22 P28-21	Ergun, Alice	Comparison of electrodiagnostic techniques in carpal tunnel syndrome and controls
23 P28-22	Oder, Walter	One-year clinical and electrodiagnostic follow-up after open carpal tunnel release surgery
24 P14-8	Lauritzen, Martin	Predictive value of median nerve SEP and EEG after anoxic brain injury

### P15 EEG (1)

Chair: Matsuura M

Venue E KICC : Main Hall

<u>Presentation Order</u> Poster Number	<u>Name</u>	<u>Title</u>
1 P15-1	Yanagisawa, Takufumi	Real-time and training-free control of a prosthetic arm using human electrocorticograms
2 P15-3	McClelland, Verity M.	Modulation of Corticomuscular Coherence by afferent stimulation varies with the intensity and nature of the stimulus
3 P15-4	Kume, Yuko	How human face is special: dominant perception during binocular rivalry
4 P15-5	Imamura, Hisaji	Ictal slow shift and high frequency oscillation as revealed by intracranial wideband recording in human neocortical epilepsy
5 P15-6	Matsumoto, Atsushi	The electrophysiological basis of subliminal semantic priming.
6 P15-7	Huebl, Julius	Dopamine promotes valence-related emotional processing in the subthalamic area in patients with Parkinsons disease.
7 P15-8	Okuhata, Shiho T	Neural connectivity during simultaneous and successive information processing assessed by SLORETA
8 P15-9	Poothrikovil, Rajesh P	Prognostic value of EEG abnormalities in critically ill adult patients
9 P15-10	Motonobu, Hidaka	Cognition of facial emotion on social context; an event-related potential study
10 P15-11	Kanai, Mika	Cortico-muscular coherence in humans under auditory stimulation with pure tones
11 P15-13	Wyczesany, Miroslaw	EEG Synchronization Likelihood co-varies with self-estimation of emotional valence modified by pharmaceuticals
12 P15-14	Wojtecki , Lars	Increase of central thalamic theta oscillations in response to familiar speech in a long term comatose patient
13 P15-15	Motoyama, Yoshimasa	Neural substrates of empathy for pain: Simultaneous recording of high density EEG and conventional ECG
14 P15-16	Ota, Tetsuo	Change of awake in writing motion

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15 P15-17	Shimizu, Ai	Investigation of brain activity in chopsticks task in dominant and nondominant hands while viewing computer generated movies
16 P15-18	Sakuno, Lilian M.	The Effect of Motor Imagery using two kinds of monitors to display through EEG analysis
17 P15-19	Yoshioka, Manabu	Using Computer generated movies in the exercise of non-dominant hand
18 P15-20	Tsang, Eric	Movement related potentials and oscillatory activities in the human internal globus pallidus during voluntary movements
19 P15-21	Matsushika, Yayoi	The effect of handedness on the modulation of mu rhythm desynchronization during motor imagery with transcranial direct current stimulation
20 P15-22	Kasahara, Takashi	Analysis of the correlation between impairments and event-related desynchronization during motor imagery in amyotrophic lateral sclerosis patients
21 P15-23	Yatabe, Kiyomi	Hand-actions Implied in Hand-written Chinese Radicals in the Human Motor System
22 P15-24	Vecchio, Fabrizio	RESTING STATE EYES-CLOSED CORTICAL RHYTHMS IN PATIENTS WITH LOCKED-IN-SYNDROME: AN EEG STUDY
23 P32-9	Kasai, Hideyo	Emotional evaluation of pain in migraine patients
24 P15-2	Brazdil, Milan	Functional integration of the brain after detection of rare target stimuli - a depth EEG study

### P16 Epilepsy (3)

Chair: Akamatsu N

Venue F KICC : Int'l Conf. Room

Presentation Order Poster Number	Name	Title
1 P16-1	Hashizume, Akira	Quasi gradient-magnetic field topography compatible with 32/64bit MS-Windows Vista or Mac OSX 10.6
2 P16-2	Ishii, Ryouhei	Abnormal cortical oscillatory activity in schizophrenia-like psychosis of epilepsy after resection of meningioma
3 P16-3	Sobieszek, Aleksander	Analysis of the spatiotemporal EEG patterns of generalized spike-slow wave activity
4 P16-4	Badawy, Radwa A.	Cortical Excitability and the Menstrual cycle: Reversal of Normal Patterns in New Onset Epilepsy
5 P16-5	Badawy, Radwa A.	Post-operative Reduction in Cortical Excitability Correlates with Seizure Freedom
6 P16-6	Pellegrino, Giovanni	Effects of mobile phone emissions on the motor cortex excitability in focal epilepsy
7 P16-7	Kobayashi, Katsuya	Decreased cortical excitability in Unverricht-Lundborg disease in the long-term follow-up: a consecutive SEP study.
8 P16-8	Shimotake, Akihiro	Parieto-frontal network in praxis of human: a combined study of high frequency cortical stimulation and CCEP study
9 P16-9	Kinoshita, Masako	Change in cortical fast activities after high frequency electric cortical stimulation in a patient with cortical dysplasia and intractable epilepsy
10 P16-10	Ren, Liankun	Ictal very low frequency oscillation by subdural electrodes in human epilepsy patients
11 P16-11	Hitomi, Takefumi	VISUAL PROCESSING IN THE INFERIOR TEMPORAL CORTEX

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12 P16-12	Yu, Ju Ming	Effects of Low-Frequency Repetitive Transcranial Magnetic Stimulation on Seizures, ERMT, and SPECT in Patients with Intractable Epilepsy
13 P16-14	Schulze-Bonhage, Andreas	A European EEG database of epilepsy patients - EPILEPSIAE
14 P16-15	Benedek, Kristina	Significance of rhythmic or periodic EEG patterns
15 P16-17	Hara, Keiko	Mismatch Negativity (MMN) to vowel-speech change in patients with temporal lobe epilepsy
16 P16-19	Varga, Edina T.	Transcranial direct current stimulation as a treatment option in CSWS-preliminary results
17 P16-20	DIKMEN YALINAY, PINAR	CLINICAL SEIZURE SEMIOLOGY of PSYCHOGENIC NON-EPILEPTIC SEIZURE
18 P16-21	Lazaro, Marian	Singe Puse Electrical Stimulation in hypothalamic hamartoma: supporting evidence in favour of epileptogenesis in secondary affected cortex.
19 P16-22	Canuet, Lenides	Working memory-induced activation and severity of psychopathology in schizophrenia-like psychosis of epilepsy: evidence from magnetoencephalography
20 P16-23	Tsurusawa, REIMI	A case of Tuberous sclerosis complex with left centro-parietal sharp waves preceding hypsarrhythmia
21 P16-24	Rodriguez del Toro, Dr. Eber R.	Clinic-encephalographic and logophoniatric integral diagnosing algorithym in epileptic children with language dysfunction
22 P16-26	Ponten, Sophie C.	Automatic detection of neonatal seizures in term neonates after moderate to severe perinatal hypoxia-ischemia

### P17 Schizophrenia, Aging

Chair: Niwa S

Venue G Portpia Hotel : Kairaku 1

Presentation Order	Name	Title
Poster Number	Name	Title
1 P17-2	Tada, Mariko	Emotional face processing abnormality in patients with schizophrenia: an event-related potential study
2 P17-3	Hashimoto, Tasuku	Evaluating event-related potential P50 suppression for diagnostic biomaker for psychiatric disorders
3 P17-4	Takahashi, Yui	Clinical application of the P300 component of event-related potentials.
4 P17-5	Iwanami, Akira	Effects of vocalizing on auditory N1 component of event-related potentials in schizophrenic patients
5 P17-9	Suetsugi, Masatomo	EEG spectral power, and serum nitric oxide metabolites in chronic schizophrenia patients
6 P17-10	Cirillo, John	Use-dependent motor cortex plasticity following complex visuomotor training in young and old adults
7 P17-11	ASANO, YUMI	Static and dynamic balance for the aged
8 P17-12	Maurits, Natasha M.	Electrophysiological evaluation of effects of aging on sensorimotor integration: a somatosensory evoked potential and corticomuscular coherence study
9 P17-13	Smith, Ashleigh E.	Short-latency intracortical inhibition is not reduced by cutaneous afferent input in ageing men.

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10 P17-14	Machida, Akiko	Effects of cosmetic therapy on prefrontal cortex activity and salivary cortisol level
11 P17-17	Connolly, Sean	Examining the effects of gender, sex, and BMI on normative median motor nerve excitability measurements.
12 P17-18	Ikeda, Hiromi	Correlations between walking exercise and each of BMD,muscle volume,fluctuation of the center of gravity,and dementia in middle-aged and elderly women
13 P17-19	Ferreri, Florinda	Mobile phone emissions and brain excitability in Alzheimer Disease
14 P17-20	Aoi, Satomi	The relationship between factors associated with arteriosclerosis/dementia screening tests and osteoporosis in postmenopausal women

### P18 Functional MRI

Chair: Fukuyama H

Venue H Portpia Hotel : Kairaku 2

<u>Presentation Order</u>	<u>Name</u>	<u>Title</u>
<u>Poster Number</u>		
1 P18-1	Miyamoto, Reiko	Gender difference in brain activity during internal conflict based on self-positivity
2 P18-2	Tamura, Miyuki	Relationships between empathy and sleep deprivation: a fMRI study
3 P18-3	Tonoike, Mitsuo	Odors activate selectively the brain areas related on the memory and emotion, by a fMRI study.
4 P18-4	Shimada, Takamasa	The Effect of Background Images Combined with Face Images Expressing Fear
5 P18-5	Nishimura, Chiaki	Neural activities in attentive music listening revealed by fMRI
6 P18-6	Uehara, Taira	Dynamic brain networks depend on arousal level: An fMRI study using a graph theory
7 P18-7	Mochizuki, Akito A.	Effects of coordination exercises on cognitive control of emotion in the brain: A functional MRI study
8 P18-8	Sudo, Michiko M.	Interrelationships among physical performance, language proficiency and brain activities from the viewpoint of social cognition
9 P18-9	Cheung, Mei-chun	fMRI activation associated with brand names: a category of proper nouns
10 P18-10	Atomi, Tomoaki	An fMRI study of the human body's gravity center -Self-other difference in the perception of body instability-
11 P18-11	Oba, Kentaro	The Neural Mechanisms of Warm Feeling Associated with Remote Autobiographical Memory Retrieval - An fMRI Study -
12 P18-12	Suzuki, Ryoko	Emotional characteristic of "mode": psychological and neuroimaging study
13 P18-13	Del Gratta, Cosimo	Differential responses to attended and non attended deviant somatosensory stimuli and stimulus omissions in human somatosensory cortex: an fMRI study
14 P18-14	Nakata, Hiroki	Executive functions with different motor outputs in somatosensory Go/No-go paradigms: a functional MRI study
15 P18-15	Seitz, Rudiger J	Bimanual coordination is critically influenced by positioning of the dominant hand
16 P18-16	Tseng, Ming-Tsung	Unique spatial patterns of cerebral activations to innocuous versus noxious heat on functional magnetic resonance imaging



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17 P18-17	Ieda, Takeshi	Intra-oral object recognition enhances swallowing-related brain activation
18 P18-18	Wu, Tai-Cheng	Assessment of Hemodynamic Change after Carotid Angioplasty and Stenting (CAS) or Carotid Endarterectomy: a Functional Magnetic Resonance Imaging Study
19 P18-19	Schelter, Bjoern	Brain connectivity: Improvements of fMRI data analysis techniques
20 P18-20	Takamura, Hideaki	Cerebral activation due to music presentation through headphones with different insulation under an environment of fMRI measurement
21 P18-22	Kunii, Naoto	The detailed analysis of fMRI in the frontal language area. A comparative study with electrocortical stimulation
22 P18-23	Noguchi, Yasuki	Feature binding in the ventral visual pathway revealed by color-motion misbinding
23 P18-24	Bednarik, Petr	Preoperative functional MR imaging in patients with brain tumors and epilepsy
24 P18-25	Krajcovicova, Lenka	Default mode network in patients with Alzheimer's disease: an fMRI study

### P19 Auditory function, Multimodal neuroimaging

Chair: Okamoto H

Venue I KICC : Room 401 + 402

<u>Presentation Order</u>	<u>Name</u>	<u>Title</u>
Poster Number	Name	Title
1 P19-1	Kurayama, Taichi	Differences of P50 suppression under two distinct signals in human fear conditioning paradigm.
2 P19-2	Lindehammar, Hans	Cortical auditory evoked potentials (CAEP) as a clinical tool in evaluation of hearing loss.
3 P19-3	Takeichi, Hiroshige	Electrophysiological Correlate of Auditory Temporal Assimilation between Two Neighboring Time Intervals: A Principal Component Analysis
4 P19-4	Ikawa, Nobuko	An application of 40-Hz Auditory Steady State Response for Objective Audiometry test
5 P19-5	Koiwa, Nobuyoshi	Sound localization difficulty affects early and late processing of auditory spatial information: Investigation using the dipole tracing method
6 P19-6	Tamakoshi, Seiji	The mismatch negativity and N1 related to gap or omission.
7 P19-7	Kikuchi, Yoshikazu	Abnormal auditory sensory gating in stuttering: A magnetoencephalographic study
8 P19-8	Yadegari, Samira	Brown-Vialetto-Van Laere: five sporadic cases from Iran
9 P19-9	Cho, Jeong Hee	The brainstem auditory evoked potentials in two cases of Bickerstaff's brainstem encephalitis
10 P19-10	Omata, Kei	Influence of cardiac and respiratory artifacts on the relationship between spontaneous EEG and fMRI signals
11 P19-11	Porcaro, Camillo	Functional source separation improves the quality of single trial visual evoked potentials recorded during concurrent EEG-fMRI
12 P19-12	Kan, Shigeyuki	The reticular activating system is associated with spontaneous fluctuations of alpha rhythm: a simultaneous EEG/fMRI study
13 P19-13	Turovets, Sergei	Towards combined neuroimaging modalities: EEG and bounded EIT
14 P19-14	Tonoike, Mitsuo	A study of activation areas and reaction time on a working memory task

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15 P19-15	Marquet, Pierre	Exploring neurovascular-neurometabolic couplings and activity-mediated water movements in the rodent cortex with an optical probe
16 P19-16	Sugiyama, Ken	Clinical utility of diffusion tensor imaging for evaluating patients with diffuse axonal injury and cognitive disorders
17 P19-17	Maehara, Taketoshi	Functional distribution of the palm sensory area using intraoperative intrinsic optical imaging
18 P19-18	Tamura, Yuichi	Spatiotemporal dynamics of neuromagnetic oscillatory changes during observation of actions
19 P19-19	Iwaki, Sunao	Multimodal neuroimaging for characterizing cortical dynamics while perceiving 3-D object from optic flow