


# Time Table

## Day 1 July 28

Venue	Kobe Convention Center / Online													Poster & Exhibition Exhibition Hall No.2 Bld				
	Conference Center									Exhibition Hall								
	Room 1 Main Hall	Room 2 International Conference Room	Room 3 Reception Hall	Room 4 401+402	Room 5 403	Room 6 501	Room 7 502	Room 8 503	Room 9 504+505	Room 10 3A	Room 11 3B	Room 12 2A	Room 13 2B					
8:00	8:00-9:00 <b>Plenary Lecture</b> 1PL01-1  Rui Costa																Installation	
9:00	9:00-11:00 <b>Symposium</b> 1S01m Functional principles of the brain for valuation and social adaptation  Takafumi Minamimoto	9:00-11:00 <b>Symposium</b> 1S02m Re-visiting and expansion of neuroethology  Yoko Yazaki-Sugiyama	9:00-11:00 <b>Symposium</b> 1S03m Global and local gene expression underlying synaptic function, plasticity and behavior  Hiroyuki Okuno	9:00-11:00 <b>Symposium</b> 1S04m Bidirectional translation between basic and clinical approach to elucidate the mechanisms underlying epilepsy  Tomoyuki Miyazaki	9:00-11:00 <b>CJK Symposium 1</b>  <b>Amyotrophic Lateral Sclerosis</b>  Seung Hyun Kim	9:00-11:00 <b>Symposium</b> 1S06m Neural basis that connects psychology and physiology: From research in humans and rodents  Kazuhiro Nakamura	9:00-11:00 <b>Symposium</b> 1S07m Development and application of techniques to create novel neural circuits  Yoshito Masamizu	9:00-11:00 <b>CJK Symposium 2</b>  <b>Molecular and Cellular Neuropsychiatry</b>  Akira Sawa	9:00-11:00 <b>Symposium</b> 1S09m Understanding the relationship between structures of conscious experience (qualia) and structures of information  Naotsugu Tsuchiya	9:00-11:00 <b>The Japan-Canada Joint Symposium</b> 1S10m Understanding of synaptic and neural circuits through advanced optical technologies  Masayuki Sakamoto	9:00-10:00 <b>Oral Session</b> 1O11m-1 Neurogenesis and Gliogenesis 1	9:00-10:00 <b>Oral Session</b> 1O12m-1 Stress	9:00-10:00 <b>Oral Session</b> 1O13m-1 Machine Learning Methods					
10:00											10:05-10:50 <b>Oral Session</b> 1O11m-2 Neurogenesis and Gliogenesis 2	10:05-10:50 <b>Oral Session</b> 1O12m-2 Circadian Rhythm	10:05-10:50 <b>Oral Session</b> 1O13m-2 Information Routing					
11:00	11:10-12:10 <b>Plenary Lecture</b> 1PL01-2  Feng Zhang																Poster Exhibition	
12:00																		
13:00		12:20-13:10 <b>Luncheon Seminar</b> 1LS02 Thorlabs Japan Inc.				12:20-13:10 <b>Lunch Time Mini-Symposium</b> 1LMS06 Brain information dynamics underlying multi-area interconnectivity and parallel processing												
14:00																		
15:00																		
16:00	15:30-16:30 <b>Special Lecture</b> 1SL01  Kaoru Inokuchi																	
17:00	16:40-17:40 Nakaakira Tsukahara Memorial Award Lecture 1AL01-1 Hiro Furukawa	16:40-18:40 <b>Symposium</b> 1S02a Activity-dependent network formation: From intercellular communication to intracellular signaling  Hidenobu Mizuno	16:40-18:40 <b>Symposium</b> 1S03a Hyper-adaptation in the brain  Eiichi Naito	16:40-18:40 <b>Symposium</b> 1S04a Neuroscience of evolution and development: functional and anatomical brain imaging in primates  Kentaro Miyamoto	16:40-18:40 <b>CJK Symposium 3</b>  <b>Reactive astrocytes as the causes of neurodegenerative diseases</b>  C. Justin Lee	16:40-18:40 <b>Symposium</b> 1S06a Bridging homeostatic mechanisms from synapses, glia to sleep  Yukiko Goda	16:40-18:40 <b>Symposium</b> 1S07a Multiscale and multimodal study of neuro-glio-vascular coupling  Tomokazu Tsurugizawa	16:40-18:40 <b>CJK Symposium 4</b>  <b>Sensory/motor information processing in the brain of non-human primates</b>  Dajun Xing	16:40-17:40 <b>Oral Session</b> 1O09a-1 Neuron-glia Interactions: from Nanodomain to Behavior  17:40-18:40 <b>Oral Session</b> 1O09a-2 Dynamic Mechanisms of Synapse Formation and Function	16:40-18:40 <b>Symposium</b> 1S10a New aspects in Neurodegenerative Diseases - For the Future  Nobutaka Hattori	16:40-17:40 <b>Oral Session</b> 1O11a-1 Motivation and Emotion 1	16:40-17:40 <b>Oral Session</b> 1O12a-1 Learning & Memory	16:40-17:40 <b>Oral Session</b> 1O13a-1 Neurodevelopmental Disorders etc				Poster Exhibition	
18:00	17:40-18:40 Nakaakira Tsukahara Memorial Award Lecture 1AL01-2 Masanori Matsuzaki											17:40-18:40 <b>Oral Session</b> 1O11a-2 Motivation and Emotion 2	17:40-18:40 <b>Oral Session</b> 1O12a-2 Plasticity & Networks	17:40-18:40 <b>Oral Session</b> 1O13a-2 Dementia etc				
19:00																		Removal

PL: Plenary Lecture SL: Special Lecture SEL: Special Educational Lecture EL: Educational Lecture S: Symposium O: Oral Session

 : in Japanese

Industrial & Academia Exhibition/ Book shop

Research Cooperative Program (BRCP)

# Time Table

## Day 2 July 29

Venue	Kobe Convention Center / Online										Exhibition Hall						
	Room 1 Main Hall	Room 2 International Conference Room	Room 3 Reception Hall	Room 4 401+402	Room 5 403	Room 6 501	Room 7 502	Room 8 503	Room 9 504+505	Room 10 3A	Room 11 3B	Room 12 2A	Room 13 2B	Poster & Exhibition Exhibition Hall No.2 Bld			
8:00	8:00-9:00 CJK Plenary Lecture 1 Richard W. Tsien	J 8:00-8:50 Educational Lecture 2EL02 Kenichi Ohki	8:00-8:50 Educational Lecture 2EL03 Tomoyuki Furuyashiki	J 8:00-8:50 Educational Lecture 2EL04 Takayasu Mikuni		J 8:00-8:50 Educational Lecture 2EL06 Kazuhiro Nakamura	8:00-8:50 Educational Lecture 2EL07 Aya Ito-Ishida								Installation		
9:00	9:00-11:00 Symposium 2S01m Thalamocortical Interactions in Perception and Cognition  Lukas Ian Schmitt	9:00-11:00 Symposium 2S02m Functional connectomics of neuronal microcircuits  Yoshiyuki Kubota	9:00-11:00 Symposium 2S03m Clarifying the neuro-immune interface  Taisuke Tomita	9:00-11:00 Symposium 2S04m Regulation of the intra and extra cellular spaces in the brain  Jun Suzuki	9:00-11:00 CJK Symposium 5 New technologies for visualizing and controlling the brain functions  Won Do Heo	9:00-11:00 Symposium 2S06m Multidirectional approach for pathological brain  Takuya Takahashi	9:00-11:00 Symposium 2S07m New mechanisms for facilitating learning and memory  Satoshi Kida	9:00-11:00 CJK Symposium 6 Stem cell derived neurons for studying human neurological disorders  Jun Tao	9:00-11:00 Symposium 2S09m RNAs in synaptic physiology and psychiatric diseases  Dan Ohtan Wang	9:00-11:00 NSR/Elsevier Symposium 2S10m Neuroscience of resilience for mental health  Tomoyuki Furuyashiki	9:00-10:00 Oral Session 2O11m-1 Motor System 1	9:00-10:00 Oral Session 2O12m-1 Memory Improved	9:05-9:50 Oral Session 2O13m-1 Schizophrenia etc	Poster Exhibition	Industrial & Academia Exhibition/ Book shop		
10:00											10:00-11:00 Oral Session 2O11m-2 Motor System 2	10:00-11:00 Oral Session 2O12m-2 Social Behavior	10:05-10:50 Oral Session 2O13m-2 Depression				
11:00	11:10-12:10 Inamori Foundation Kyoto Prize Special Lecture 2SL01 Karl Deisseroth																
12:00	J 12:20-13:20 Special Educational Lecture 2SEL01 Sayaka Oki	12:20-13:10 Luncheon Seminar 2LS02 NARISHIGE SCIENTIFIC INSTRUMENT LAB.				12:20-13:10 Luncheon Seminar 2LS06 O'HARA & CO., LTD.			12:20-13:10 Luncheon Seminar 2LS10 OLYMPUS CORPORATION								
13:00																	
14:00																13:20-14:20 Poster Presentation/ Discussion (Odd No.)	
15:00																14:20-15:20 Poster Presentation/ Discussion (Even No.)	
16:00	15:30-16:30 Plenary Lecture 2PL01  Sonja Hofer																
17:00	16:40-17:20 Awards Ceremony  Toshihiko Tokizane Memorial Award Lecture 2AL01 Masaharu Noda	16:40-18:40 Symposium 2S02a Liquid-liquid phase separation suggests brand- new mechanisms of synapse formation and its function. Tomohisa Hosokawa	16:40-18:40 Symposium 2S03a Neural computations underlying adaptive decision- making  Masayoshi Murakami		16:40-18:40 CJK Symposium 7 Dynamic Memory: molecular, cellular and systems approaches  Bong-Kiun Kaang	16:40-18:40 Symposium 2S06a Neurological diseases and cancer resulting from developmental deficiency in the cerebellum Daisuke Kawauchi	16:40-18:40 Symposium 2S07a Exploring origins of metacognition  Rei Akaishi	16:40-18:40 CJK Symposium 8 Novel brain functions revealed by precise measurement and manipulation of monoamine signals  Sho Yagishita	16:40-17:25 Oral Session 2O09a-1 Mechanosensory Systems  17:40-18:25 Oral Session 2O09a-2 Sensory Processing	16:40-18:40 JSN/JSPN Joint Symposium 2S10a Patient and Public Involvement in Psychiatry  Norio Ozaki	16:40-17:40 Oral Session 2O11a-1 New Technologies 1	16:40-17:25 Oral Session 2O12a-1 Axon/Dendrite Growth and Circuit Formation 1	16:40-17:25 Oral Session 2O13a-1 Sleep 1			Poster Exhibition	
18:00											17:45-18:30 Oral Session 2O11a-2 New Technologies 2	17:40-18:25 Oral Session 2O12a-2 Axon/Dendrite Growth and Circuit Formation 2	17:40-18:25 Oral Session 2O13a-2 Sleep 2				
19:00														Removal			

PL: Plenary Lecture SL: Special Lecture SEL: Special Educational Lecture EL: Educational Lecture S: Symposium O: Oral Session

J : in Japanese

# Time Table

## Day 3 July 30

Venue	Kobe Convention Center / Online													
	Conference Center									Exhibition Hall				
	Room 1 Main Hall	Room 2 International Conference Room	Room 3 Reception Hall	Room 4 401+402	Room 5 403	Room 6 501	Room 7 502	Room 8 503	Room 9 504+505	Room 10 3A	Room 11 3B	Room 12 2A	Room 13 2B	Poster & Exhibition Exhibition Hall No.2 Bld
8:00	8:00-9:00 <b>Special Lecture</b> 3SL01-1  Takeshi Sakurai	<b>J</b> 8:00-8:50 <b>Educational Lecture</b> 3EL02 Kiyoto Kasai	8:00-8:50 <b>Educational Lecture</b> 3EL03 Yukie Nagai	<b>J</b> 8:00-8:50 <b>Educational Lecture</b> 3EL04 Hiroaki Wake		<b>J</b> 8:00-8:50 <b>Educational Lecture</b> 3EL06 Mariko Miyata	8:00-8:50 <b>Educational Lecture</b> 3EL07 Shinji Nishimoto							
9:00	9:00-11:00 <b>Symposium</b> 3S01m Cortical Regulation of Social Processing  Toru Takumi	9:00-11:00 <b>Symposium</b> 3S02m Future directions of multi-scale imaging of neural circuits  Itaru Imayoshi	9:00-11:00 <b>Symposium</b> 3S03m Neural processing of flexible vs. automatic behavior in primates  Jun Kunimatsu	9:00-11:00 <b>Symposium</b> 3S04m Holism in neuroscience: Large-scale recording and simulation for understanding the brain as a whole Riichiro Hira	9:00-11:00 <b>CJK Symposium</b> 9 Interplay of multiple types of plasticity in the cerebellar network  Sang Jeong Kim	9:00-11:00 <b>Symposium</b> 3S06m Unique coding in the self-replenishing memory circuit: the dentate gyrus.  Masanori Sakaguchi	9:00-11:00 <b>Symposium</b> 3S07m The Social Neuroendocrinology: Subcortical Molecules Controlling Sexually Dimorphic Behaviors  Sonoko Ogawa	9:00-11:00 <b>CJK Symposium</b> 10 <b>Mechanisms of Innate Fear</b>  Reiko Kobayakawa	9:00-10:00 <b>Oral Session</b> 3O09m-1 Development and Degeneration  10:05-10:50 <b>Oral Session</b> 3O09m-2 Regeneration	9:00-11:00 <b>Symposium</b> 3S10m Social Animal Models: Mouse, Vole and Marmoset Studies Towards Clinical Neuroscience of Autism spectrum disorder (ASD) Hidenori Yamasue	9:00-10:00 <b>Oral Session</b> 3O11m-1 Synapse Structural Plasticity  10:00-11:00 <b>Oral Session</b> 3O11m-2 Neurotransmitter Actions in Health and Disease and Tool Development	9:00-10:00 <b>Oral Session</b> 3O12m-1 Sensory Systems  10:05-10:50 <b>Oral Session</b> 3O12m-2 Visual Systems		
10:00														
11:00	11:10-12:10 <b>Plenary Lecture</b> 3PL01  Mark Schnitzer													
12:00														
13:00	12:20-13:10 <b>Luncheon Seminar</b> 3LS01  NIKON SOLUTIONS CO., LTD.	12:20-13:10 <b>Luncheon Seminar</b> 3LS02 FUJIFILM Wako Pure Chemical Corporation				12:20-13:10 <b>Luncheon Seminar</b> 3LS06 Carl Zeiss Co., Ltd					12:20-13:10 <b>Luncheon Seminar</b> 3LS10  Siemens Healthcare K.K.			
14:00														13:20-14:20 <b>Poster Presentation/Discussion</b> (Odd No.)
15:00														14:20-15:20 <b>Poster Presentation/Discussion</b> (Even No.)
16:00	15:30-16:30 <b>Special Lecture</b> 3SL01-2  Yukiko Goda													<b>Poster Exhibition</b>
17:00	16:40-17:40 <b>Joseph Altman Award in Developmental Neuroscience Award Lecture</b> 3AL01 Sergiu Pasca	16:40-18:40 <b>Symposium</b> 3S02a Next generation sensing technology and identification of physiological function by neural network manipulation Akihiro Yamanaka	16:40-18:40 <b>Symposium</b> 3S03a Neuroinformatics of curiosity  Tsuyoshi Miyakawa	16:40-18:40 <b>Symposium</b> 3S04a Toward understanding and breaking the limit of human minds and performance  Kazuhisa Shibata	16:40-18:40 <b>CJK Symposium</b> 11 <b>Neural circuits of social-emotional behaviors</b>  Hailan Hu	16:40-18:40 <b>Symposium</b> 3S06a Regulation of neural stem cells and new development of brain evolution study  Mikio Hoshino	16:40-18:40 <b>Symposium</b> 3S07a Movement-related turbulence in the cortex: just noise or functional signals?  Keita Tamura	16:40-18:40 <b>CJK Symposium</b> 12 <b>Stem Cell Neurobiology</b>  Mototsugu Eiraku	16:40-17:40 <b>Oral Session</b> 3O09a-1 Execute Function & Consciousness  17:40-18:40 <b>Oral Session</b> 3O09a-2 Perception & Decision Making	16:40-18:40 <b>Symposium</b> 3S10a Habenula as the integrated switchboard of emotion  Hitoshi Okamoto	16:40-17:40 <b>Oral Session</b> 3O11a-1 Brain Damage, Ischemia, Neuropathy  17:40-18:40 <b>Oral Session</b> 3O11a-2 Neurodegenerative Diseases etc	16:40-17:40 <b>Oral Session</b> 3O12a-1 Motor System 3		<b>Removal</b>
18:00														
19:00														

PL: Plenary Lecture SL: Special Lecture SEL: Special Educational Lecture EL: Educational Lecture S: Symposium O: Oral Session

**J** : in Japanese

## Time Table

### Day 4 July 31

Venue	Online				
	CH1	CH2	CH3	CH4	Web Poster & Exhibition
8:00	8:00-9:00 CJK Plenary Lecture 2 Yulong Li				
9:00	9:00-11:00 CJK Symposium 13 Imaging Human Cognition Fang Fang	9:00-11:00 CJK Symposium 14 Hypothalamic control of behaviors and homeostasis Xiao-Hong Xu	9:00-11:00 CJK Symposium 15 Neural mechanisms of fear memory Kenta Hagihara	9:00-11:00 CJK Symposium 16 Understanding and modeling cerebellar functions Shogo Ohmae	Web Poster Exhibition
10:00				Web Poster Presentation/ Discussion (Odd No.)	
11:00					
12:00	12:00-13:00 CJK Plenary Lecture 3 Hee-Sup Shin				
13:00					Web Poster Presentation/ Discussion (Even No.)
14:00	14:00-16:00 CJK Symposium 17 Bridging the gap between experiments and theories Se-Bum Paik	14:00-16:00 CJK Symposium 18 Cortical Development and Organization Song-Hai Shi	14:00-16:00 CJK Symposium 19 Neural organoids for studying human development and diseases Woong Sun	14:00-16:00 CJK Symposium 20 Glial mechanisms of circuit regulation Woo-ping Ge	Web Poster Exhibition
15:00					
16:00	16:10-17:10 Brain Prize Lecture 4BPL01 Michel Goedert				
17:00					
18:00					
19:00					