At a Glance (tentative)

■Day 1 July 25

Venue	Toki Messe									Bandaijima Building	Toki Messe	
	4F	2F		3F		2F		3F		6F	1F	
	Room 1 International Conference Room	Room 2 Main Hall A	Room 3 Main Hall B	Room 4 301	Room 5 302AB	Room 6 201A	Room 7 201B	Room 8 303+304	Room 9 306+307	Room 10 Meeting Room	Poster / Exhibition Exhibition Hall A+B	
8:00												
											Installation	
9:00	9:00–11:00 Symposium 1S01m The molecular/cellular mechanisms and the roles of REM sleep in brain functions (tentative) Hiroki Ueda Yu Hayashi	9:00–11:00 Symposium 1S02m Roles of epigenetics and inflammation in mental illness Tomoyuki Furuyashiki Zhen Yan	9:00–11:00 Symposium 1S03m Emerging roles of neuropeptides in emotional valence representation for survivial Yukari Takahashi Mumeko Tsuda	9:00–11:00 Symposium 1S04m Brain diversity induced by glial heterogeneity Schuichi Koizumi Rieko Muramatsu	9:00–11:00 Symposium 1S05m Matching matters: Roles of trans-synaptic protein interactions Kensuke Futai Ji Won Um	9:00–11:00 Symposium 1S06m Impact of new advances in the DAMPs/alarmins and neuroinflammation researches on diverse neuronal diseases Atsufumi Kawabata Hitoshi Okazawa	9:00–10:00 Oral Session	9:00–10:00 Oral Session	9:00–10:00 Oral Session	9:00–10:00 Wakate Dojo 1	Poster Exhibition	Industrial/ Academia Exhibition, Book shop
10:00							10:00–11:00 Oral Session	10:00–11:00 Oral Session	10:00–11:00 Oral Session	10:00–11:00 Wakate Dojo 2		
11:00	11:10–12:10 Plenary Lecture Ann Graybiel	Plenary Lecture 【Live Remote】										Plenary Lecture 【Live Remote】
12:00		12:20–13:10 Luncheon Seminar	12:20–13:10 Luncheon Seminar	12:20–13:10 Luncheon Seminar	12:20–13:10 Luncheon Seminar	12:20–13:10 Luncheon Seminar	12:20–13:10 Luncheon Seminar	12:20–13:10 Luncheon Seminar	12:20–13:10 Luncheon Seminar			Industrial/ Academia Exhibition, Book shop
13:00											13:15–14:35 Poster Presentation / Discussion (Odd No.)	
14:00												
15:00	14:40–15:40 Special Lecture Haruhiko Bito	14:40–16:40 Symposium 1S02a Neuroscience study based on brain bank networking in Japan for the cure of intractable neuropsychiatric disorders Shigeo Murayama Haruhisa Inoue	14:40–16:40 Symposium 1S03a Molecular and circuit mechanisms in physiological and pathological decision-making behavior Takatoshi Hikida Sarah King	14:40–16:40 Symposium 1S04a Understanding the homeostatic maintenance mechanisms and logistics of cellular community in the brain "Brain Infrastructure" Taisuke Tomita Takashi Saito	14:40–16:40 Symposium 1S05a Information Processing in Offline Brain Hiroaki Norimoto Shoi Shi	14:40–16:40 Symposium 1S06a "Towards integration of neuroscience and machine intelligence" Okito Yamashita Yoshinobu Kawahara	14:40–16:40 Symosium on Industry-Academia Collaboration 1S07a Manabu Honda (Tentative)	14:40–15:40 Oral Session	14:40–15:40 Oral Session	14:40–15:40 JSN Distinguished Investigator Award Lecture	Poster Exhibition	
16:00	15:40–16:40 Joseph Altman Award							15:40–16:40 Oral Session	15:40–16:40 Oral Session	15:40–16:40 JSN Interdisciplinary Alliance Committee Sponsored Session Hiroshi Kiyama		
17:00	16:50–17:50 (JNS)Nakaakira Tsukahara Memorial Award Lecture	16:50–18:50 Symposium 1S02e Simple is Best. Study of neurological disorders and regeneration using invertebrate models Atsushi Sugie Shinsuke Niwa	16:50–18:50 Symposium 1S03e Neuronal Substrates of Episodic Memory ~ from physiology to circuits Kazumasa Tanaka Takashi Kitamura	16:50–18:50 Symposium 1S04e From sensory systems to goal-directed social behaviors Saori Yokoi Azusa Kamikouchi	16:50–18:50 Symposium 1S05e Recent Progress in Gonadal Steroid Action on the Modulation of Multiple Brain Functions and Behaviors Sonoko Ogawa Nandini Vasudevan	16:50–18:50 Symposium 1S06e Whole brain physiology by a combination of fMRI and neurophysiology in rodents Norio Takata Akira Sumiyoshi	16:50–18:50 Symposium 1S07e New trends in study on plasticity-related gene Arc/arg3.1: regulations and cognitive functions Hiroyuki Okuno Kasia Radwanska	16:50–17:50 Oral Session	16:50–17:50 Oral Session	16:50–18:50 Wakate Dojo Symposium Yoshinori Otani Yuki Fujita		
18:00	17:50–18:50 (JNS)Nakaakira Tsukahara Memorial Award Lecture							17:50–18:50 Oral Session	17:50–18:50 Oral Session			
19:00												
20:00												

At a Glance (tentative)

■Day 2 July 26

Venue	Toki Messe									Bandaijima Building	Toki Messe	
	4F	2F		3F		2F		3F		6F	1F	
	Room 1 International Conference Room	Room 2 Main Hall A	Room 3 Main Hall B	Room 4 301	Room 5 302AB	Room 6 201A	Room 7 201B	Room 8 303+304	Room 9 306+307	Room 10 Meeting Room	Poster Exhibition Hall A+B	Exhibition
8:00				7:35–8:25 Educational Lecture Akiko Hayashi-Takagi	7:35–8:25 Educational Lecture Masaki Isoda	7:35–8:25 Educational Lecture Mototsugu Eiraku	7:35–8:25 Educational Lecture Saori C. Tanaka					
9:00	8:30–10:30 The Annual Meeting Organized Symposium 2S01m Breakthroughs to be made for the next Brain Science Hitoshi Okamoto Hiroyuki Nawa	8:30–10:30 ISN/JSN Joint Symposium 2S02m The Addicted brain–From substance abuse to gambling and gaming disorders Akio Wanaka Andrew J Lawrence	8:30–10:30 Symposium 2S03m Being Adaptive: The Role of Metacognition in Learning and Guiding Behavior Aurelio Cortese Mahiko Konishi	8:30–10:30 Symposium 2S04m Singularity Brain Science – toward discovery of singularity in brain system by massive trans-scale imaging – Hiroko Bannai Takeharu Nagai	8:30–10:30 Symposium 2S05m The dawn of data- and model-driven neuroscience Kotaro Kimura Junichi Nakai	8:30–10:30 Symposium 2S06m Neurobiology of emotional communication in rodents Yasushi Kiyokawa Julen Hernandez-Lallement	8:30–9:30 Oral Session 9:30–10:30 Oral Session	8:30–9:30 Oral Session 9:30–10:30 Oral Session	8:30–9:30 Oral Session 9:30–10:30 Oral Session	8:30–9:30 Wakate Dojo 3 9:30–10:30 Wakate Dojo 4	Poster Exhibition (Even No.)	
10:00												
11:00	11:00–12:10 JSN Members' General Business Meeting										10:35–11:55 Poster Presentation / Discussion (Even No.)	Industrial/ Academia Exhibition, Book shop
12:00	12:10–12:50 (JSN)Council Meeting		12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar		Removal Installation	
13:00	13:00–14:00 Plenary Lecture Stephen M. Strittmatter	Plenary Lecture 【Live Remote】									Poster Exhibition (Odd No.)	Plenary Lecture 【Live Remote】
14:00	14:00–15:00 Plenary Lecture Andreas Lüthi	Plenary Lecture 【Live Remote】										Plenary Lecture 【Live Remote】
15:00	15:10–15:50 (JNS)Award Ceremony	15:10–17:10 The Annual Meeting – Organized Symposium 2S02a Towards understanding how objects are perceived in our brain Hidehiko Komatsu Isao Hasegawa	15:10–17:10 Symposium 2S03a Bridging emotion and decision making: a view through neural circuits Joshua Patrick Johansen Anatol Kreitzer	15:10–17:10 Symposium 2S04a Brain network dysfunction in Alzheimer's disease: a new potential target for future therapy Kei Igarashi Abid Hussaini	15:10–17:10 Symposium Organized by the Recipient of the 5th JSN Distinguished 2S05a New trends in neruoimmunology Takashi Shichita Kazuhiro Suzuki	15:10–17:10 Symposium 2S06a Voltage imaging: What's New? Bernd Kuhn Takashi Tominaga	15:10–17:10 Symposium 2S07a A new era of neuroscience with zebrafish Koichi Kawakami Masahiko Hibi	15:10–16:10 Oral Session 16:10–17:10 Oral Session	15:10–16:10 Oral Session 16:10–17:10 Oral Session	15:10–16:10 Wakate Dojo 5 16:10–17:10 Wakate Dojo 6		
16:00	15:50–16:50 (JNS)Toshihiko Tokizane Memorial Award Lecture											
17:00	17:20–18:20 Brain Prize Lecture										17:15–18:35 Poster Presentation / Discussion (Odd No.)	Industrial/ Academia Exhibition, Book shop
18:00											18:40–19:10 JNS Members' General Business Meeting	
19:00											19:10–21:00 Reception	
20:00												
21:00												

15:10-16:00 (JNS)Awards Ceremony
・JNS Young Investigator Award
・Toshihiko Tokizane Memorial Award for Excellent Graduate Study in Neuroscience
・Toshihiko Tokizane Memorial Award

At a Glance (tentative)

■Day 3 July 27

Venue	Toki Messe									Bandaijima Building	Toki Messe	
	4F	2F		3F		2F		3F		6F	1F	
	Room 1 International Conference Room	**Room 2** Main Hall A	**Room 3** Main Hall B	**Room 4** 301	**Room 5** 302AB	**Room 6** 201A	**Room 7** 201B	**Room 8** 303+304	**Room 9** 306+307	**Room 10** Meeting Room	**Poster**	**Exhibition** Exhibition Hall A+B
8:00				7:50–8:40 Educational Lecture Takeshi Imai	7:50–8:40 Educational Lecture Yoko Yazaki-Sugiyama	7:50–8:40 Educational Lecture MIYATA, Takaki	7:50–8:40 Educational Lecture Takuya Isomura					
9:00	8:45–10:45 Symposium 3S01m Exploring the origin of brain and central nervous system through monitoring the neural activity of the whole animal Yuichi Iino Rafael Yuste	8:45–10:45 Symposium 3S02m Dissecting neural circuit basis of depression and bipolar disorder Tadafumi Kato Hidenori Aizawa	8:45–10:45 Symposium 3S03m Linking Neural Circuits and Function to Behaviour Roger Marek Angelo Tedoldi	8:45–10:45 Symposium 3S04m New modes of neuronal translation regulation in health and disease Motomasa Tanaka Aaron Gitler	8:45–10:45 Symposium 3S05m Brain-state dynamics underlying consciousness and cognition Sakiko Honjoh Akihiro Yamanaka	8:45–10:45 Symposium 3S06m Neuro-Immune Crosstalk: Its role in the pathogenesis and perspectives for novel therapies Makoto Urushitani Takashi Yamamura	8:45–9:45 Oral Session	8:45–9:45 Oral Session	8:45–9:45 Oral Session	8:45–9:45 Oral Session	Poster Exhibition (Even No.)	Industrial/ Academia Exhibition, Book shop
10:00							9:45–10:45 Oral Session	9:45–10:45 Oral Session	9:45–10:45 Oral Session	9:45–10:45 Oral Session		
11:00	10:50–11:50 Plenary Lecture Karl Friston	Plenary Lecture 【Live Remote】										Plenary Lecture 【Live Remote】
12:00		12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar	12:00–12:50 Diversity Committee Panel Discussion : Promoting Diversity	12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar	12:00–12:50 Luncheon Seminar			Industrial/ Academia Exhibition, Book shop
13:00											12:55–14:15 Poster Presentation / Discussion (Even No.)	
14:00												
15:00	14:20–15:20 Special Lecture Keiji Tanaka	14:20–16:20 Symposium 3S02a Neuroinflammation and the Blood Brain Interface: New findings in brain pathology Atsuyoshi Shimada Keith W. Kelley	14:20–16:20 Symposium 3S03a Novel circuits for the control of emotion linked with psychiatric disorders Satoshi Kida Mazen Kheirbek	14:20–16:20 Symposium 3S04a Non-linguistic bases of language and its acquisition: Music, Mathematics, Executive Function, Information Technology, and Social Cognition Motoaki Sugiura Adam Tierney	14:20–16:20 Symposium 3S05a Molecular mechanisms for making species-specific neuronal circuits Tadashi Nomura Chiaki Ohtaka-Maruyama	14:20–16:20 Symposium 3S06a Retinal plasticity over time scales: Hibernation, circuit reorganization, and synaptic modulation Chieko Koike Steve DeVries	14:20–15:20 Educational Lecture Motomasa Tanaka	14:20–15:20 Oral Session	14:20–15:20 Oral Session	14:20–15:20 Oral Session	Removal	
16:00	15:20–16:20 Special Lecture Masashi Yanagisawa						15:20–16:20 Educational Lecture Yukio Nishimura	15:20–16:20 Oral Session	15:20–16:20 Oral Session	15:20–16:20 Oral Session		
17:00	16:30–18:30 Elsevier/NSR Symposium 3S01e Brain-gut axis: the cutting edge Takefumi Kikusui Shelly A. Buffington	16:30–18:30 Symposium 3S02e New understanding of functions of basal ganglia in health and disease Toshikuni Sasaoka Atsushi Nambu	16:30–18:30 Symposium 3S03e The neurobiology of dynamic innate social behaviors Takashi Yamaguchi Aki Takahashi	16:30–18:30 Symposium 3S04e Super crosstalk of metabolism and information processing Ko Matsui Kenji Tanaka	16:30–18:30 Symposium 3S05e Interpretation of human brain mechanisms and drug discovery using leading-edge stem cell technologies Mitsuru Ishikawa Yu-Wen Alvin Huang	16:30–18:30 Symposium 3S06e Technological advances of ultra-high field MRI in Neuroscience and the future direction of laminar/columnar functional MRI Jiajia Yang Laurentius Huber	16:30–17:30 Educational Lecture Hidenori Yamasue	16:30–17:30 Oral Session	16:30–17:30 Oral Session	16:30–17:30 Oral Session		
18:00							17:30–18:30 Educational Lecture Izumi Kawauchi	17:30–18:30 Oral Session	17:30–18:30 Oral Session	17:30–18:30 Oral Session		
19:00												
20:00												

At a Glance (tentative)

■Day 4 July 28

Venue	Toki Messe									Bandaijima Building	Toki Messe	
	4F	2F		3F		2F		3F		6F	1F	
	Room 1 International Conference Room	**Room 2** Main Hall A	**Room 3** Main Hall B	**Room 4** 301	**Room 5** 302AB	**Room 6** 201A	**Room 7** 201B	**Room 8** 303+304	**Room 9** 306+307	**Room 10** Meeting Room	**Poster**	**Exhibition** Exhibition Hall A+B
8:00		7:50–8:40 Educational Lectures Hideki Mochizuki	7:50–8:40 Educational Lecture Haruhisa Inoue	7:50–8:40 Educational Lecture Kenji Hashimoto	7:50–8:40 Educational Lecture Azusa Kamikouchi	7:50–8:40 Educational Lecture Yoshikazu Isomura						
9:00	8:45–10:45 Basic and Clinical Neuroscience Collaboration Symposium 4S01m Prodromal PD – bench to bedside– Ryosuke Takahashi Noriko Nisihikawa	8:45–10:45 Symposium 4S02m Breakthrough that links basic neuroscience and potential therapeutic strategies for neuropsychiatric disorders Shigeki Moriguchi Akiko Hayashi–Takagi	8:45–10:45 Symposium 4S03m New insights on the cortico–hippocampal dialogue underlying memory Thomas John McHugh Albert Tsao	8:45–10:45 Symposium 4S04m Compartmentalized dendritic integration: from molecular mechanisms to behavior Naoya Takahashi Keisuke Yonehara	8:45–10:45 Symposium 4S05m Cortical circuit development:role of thalamocortical input Tomomi Shimogori James Bourne	8:45–10:45 Symposium 4S06m Dynamics and its novel mechanisms of "capillary–milieu" in the CNS development and diseases Ken–ichi Mizutani Nozomu Takata	8:45–10:45 Symposium 4S07m New tools for neuroscience research – from nano to macroscales Takayasu Mikuni Kazuki Tainaka	8:45–9:45 Oral Session	8:45–9:45 Oral Session	8:45–9:45 Oral Session		
10:00								9:45–10:45 Oral Session	9:45–10:45 Oral Session	9:45–10:45 Oral Session		
11:00	10:50–11:50 Special Lecture Masayo Takahashi	10:50–12:50 Symposium 4S02a Failure of organelle communications as a key pathomechanism for neurological disorders Kazunori Imaizumi Koji Yamanaka	10:50–12:50 Symposium 4S03a Diverse functions of the reward system: from sleep regulation to executive function Masayuki Matsumoto Kae Nakamura	10:50–12:50 Symposium 4S04a Innovative researches for drug discovery and development ~ novel technologies have become clear throughout common functions between oligodendrocytes and Schwann cells Shingo Miyata Tsuyoshi Hattori	10:50–12:50 JSN Symposium 4S05a From bench to bedside: Seamless development of therapy for neurological diseases Yoshitaka Nagai Sayaka Takemoto–Kimura	10:50–12:50 Symposium 4S06a The Confluence of Multi–modal/Multi–scale Imaging and Brain Science Yasuyoshi Watanabe Yosky Kataoka	10:50–12:50 Symposium 4S07a Insight about higher brain functions on the cerebro–cerebellar network from collaboration between basic science and clinical research Takeru Honda Hironori Nakatani	10:50–11:50 Oral Session	10:50–11:50 Oral Session	10:50–11:50 Oral Session		
12:00	12:00–14:00 Luncheon Discussion							11:50–12:50 Oral Session	11:50–12:50 Oral Session	11:50–12:50 Oral Session		
13:00												
14:00		14:30–16:00 Public Open Lecture										
15:00												
16:00												
17:00												
18:00												
19:00												
20:00												