

Time Table (January 22, 2025)

3F		B1				
Room A	Room B	Room C	Room D	Room E	Room F	
Registration (3F Registration Desk)						
Registration (3F Registration Desk)						
08:00	Registration (3F Registration Desk)					
09:00 – 10:30	GS29 Multi-agent systems Chair: M. Nakamura	GS12 Control and analysis techniques Chair: J.H. Lee (will end at 10:15)	GS1 Artificial intelligence I Chair: R. Matoba	GS15 Human-machine interaction and collaboration I Chair: S. Nisar (will end at 10:15)	GS21 Machine learning I Chair: K. Ikeda (will end at 10:00)	
	Break					
10:30 – 10:45	Break					
10:45 – 11:00	Opening Ceremony (1F Room G)					
11:00 – 11:50	Plenary Speech 1 (1F Room G) Social simulation on HPC Dr. Nobuyasu Ito, RIKEN Center for Computational Science, Japan Chair: Ken Naitoh					
11:50 – 13:00	Break					
13:00 – 14:45	OS11 AROB: Human-Centered Robotics Chair: S. Nisar Invited Talk 13:00 - 13:30 Dr. Alexis E. Block	OS25 ISBC: Complex and Collective Systems: Theory and Data Analysis Chair: T. Ohira	OS20 AROB: System Sensing and Its Applications 1 Chair: H. Asano (will end at 14:15)	GS2 Artificial intelligence II Chair: S.-J. Lee (will end at 14:15)	GS30 Neural networks I Chair: F. Grassia (will end at 14:30)	GS37 Sensor and multi-sensor data fusion Chair: K. Okamoto (will end at 14:30)
	Break					
14:45 – 15:00	Break					
15:00 – 16:45	OS10 F-REI New Research Unit in the Robotics Field: Autonomy, Intelligence and Swarm Control Chair: F. Matsuno Invited Talk 15:00 - 15:30 Prof. Kenzo Nonami		OS21 AROB: System Sensing and Its Applications 2 Chair: K. Oiwa	GS38 Swarm intelligence Chair: Y. Tamura (will end at 16:30)	GS34 Robotic mechanism I Chair: K. Saito	GS22 Machine learning II Chair: N. Shigei (will end at 16:15)
	Break					
16:45 – 17:00	Break					
17:00 – 18:15	OS12 AROB: Interdisciplinary Approaches to Data-Driven Biological and Medical Research Chair: T. Hiroyasu	OS15 AROB: Mobile Robot Control Chair: S. Sagara (will end at 18:00)	GS10 Biomedical database & Medical informatics Chair: S. Kato (will end at 18:00)	GS13 Control techniques Chair: K. Kobayashi (will end at 18:00)	GS35 Robotic mechanism II Chair: R. Hayashi	GS28 Model estimation Chair: C. Park (will end at 17:45)

Time Table (January 23, 2025)

	3F		B1				3F	
	Room A	Room B	Room C	Room D	Room E	Room F	Room H	
08:00	Registration (3F Registration Desk)							
09:00 – 10:45	OS7 AROB: Construction of lunar bases and lunar exploration by AI-powered robots I Chair: R. Fujisawa Invited Talk 9:00 - 9:30 Prof. Jun Morimoto	GS31 Neural networks II Chair: F. Uchikoba	GS23 Machine learning III Chair: T. Nakashima (will end at 10:30)	OS18 AROB: Robotics with Intelligence and/or Informatics I Chair: T. Kinugasa (will end at 10:30)	GS3 Artificial intelligence III Chair: Y. Kadokawa	GS16 Human-machine interaction and collaboration II Chair: K. Hashimoto	OS13 AROB: Intuitive Human-System Interaction I Chair: M. Yokota (will end at 10:30)	
10:45 – 11:00	Break							
11:00 – 11:50	Plenary Speech 2 (1F Room G) Recent Advances in Understanding Human Emotion through AI Prof. Dong Seog HAN, Kyungpook National University, Korea Chair: Kazushi Ikeda							
11:50 – 13:00	Break							
13:00 – 14:45	OS8 AROB: Construction of lunar bases and lunar exploration by AI-powered robots II Chair: R. Fujisawa Invited Talk 13:00 - 13:30 Prof. Shinichi Kimura	OS6 AROB: Co-creation in research and education Chair: K. Mackin	OS9 AROB: Evolving Robotics and Machine Learning Applications Chair: M.K. Habib (will end at 14:15)	OS19 AROB: Robotics with Intelligence and/or Informatics II Chair: T. Kinugasa (will end at 14:00)	GS4 Artificial intelligence IV Chair: K. Ito (will end at 14:30)	GS6 Artificial life I Chair: K. Wakabayashi (will end at 14:30)	OS14 AROB: Intuitive Human-System Interaction II Chair: M. Yokota (will end at 14:30)	
14:45 – 15:00	Break							
15:00 – 15:50	Plenary Speech 3 (1F Room G) From “ Life-as-It-Could-Be” to “ Mind-as-It-Could-Be” : Rethinking Reality, Presence, and Consciousness through Virtual and Extended Reality Dr. Keisuke Suzuki, Center for Human Nature, Artificial Intelligence, and Neuroscience (CHAIN), Hokkaido University, Japan Chair: Reiji Suzuki							
15:50 – 16:05	Break							
16:05 – 17:35	GS7 Artificial life II Chair: K. Kojima (will end at 17:20)	GS11 Cognitive science & Complexity Chair: S. Nagataki	GS24 Machine learning IV Chair: M. Tamosiunaite (will end at 17:20)	GS36 Robotic mechanism III Chair: Y. Katada (will end at 17:05)	GS32 Robot vision and image processing I Chair: Y. Matsuda (will end at 17:20)	GS17 Human-machine interaction and collaboration III Chair: K. Hosotani (will end at 17:20)		
18:30 – 20:30	Banquet (at Beppu Kamenoi Hotel)							

OS: Organized Session GS: General Session

Time Table (January 24, 2025)

3F			B1			
Room A		Room B	Room C	Room D	Room E	Room F
Registration (3F Registration Desk)						
08:00	OS2 AROB: Bio-inspired theory and applications (1) Chair: K. Yamamori	OS4 AROB: Biomimetic Machines and Robots I Chair: K. Watanabe (will end at 10:15)	OS16 AROB: New Developments in Data Science for Cognition, Design, and Learning Chair: S. Matsumoto	OS22 AROB: Vehicle and Mobile Robot Technology I Chair: K. Sawada (will end at 10:00)	GS5 Artificial intelligence V Chair: F. Wörgötter	GS19 & GS20 Identification and estimation I & II Chair: T. Kikuchi (will end at 10:45)
	Break					
10:30 – 10:45	OS3 AROB: Bio-inspired theory and applications (2) Chair: K. Yamamori (will end at 11:45)	OS5 AROB: Biomimetic Machines and Robots II Chair: K. Watanabe (will end at 11:45)	OS1 AROB: Advanced AI Applications and Robotics Chair: K. Hashimoto	OS23 AROB: Vehicle and Mobile Robot Technology II Chair: K. Sawada (will end at 11:45)	GS25 Mobile robots I Chair: N. Sakagami	
10:45 – 12:00						
Break						
12:00 – 13:00						
13:00 – 14:15	OS24 ISBC: Collective Intelligence and Individual Emergence in Biological and Artificial Systems Chair: M. Crosscombe (will end at 14:45)	GS14 Evolutionary computations (Genetic algorithm) Chair: K. Nakazono (will end at 14:00)	GS8 & GS9 Bio-inspired robotics I & II		GS18 Human-machine interaction and collaboration IV Chair: H. Hiraishi (will end at 14:00)	GS26 Mobile robots II Chair: K. Tabata
		Break		Break		
14:15 – 14:30	GS27 Mobile robots and motion planning Chair: S. Ueki		Chair: X. Wang & J. Ogawa (will end at 14:30)		OS17 AROB: Robot and Control Chair: N. Takahashi	
14:30 – 15:30						
15:45 – 16:30	Farewell Party (Room A)					

OS: Organized Session GS: General Session