

Time Table (January 21, 2021)

	Room A	Room B	Room C	Room D
11:00 – 12:15	GS1 Agent-based modelling Chair: H. Iizuka	GS5 Control techniques Chair: Y. Taira	GS7 Human-machine interaction and collaboration Chair: H. Miyachi	OS4 Biomimetic Machines and Robots 1 Chair: K. Watanabe
12:15 – 13:00	Break			
13:00 – 14:30	GS2 Artificial intelligence Chair: M. Hatano	GS3 Artificial life & Chaos Chair: Y. Kayama	OS2 Bio-inspired Theory and Applications 1 Chair: K. Yamamori	OS5 Biomimetic Machine and Robotics 2 Chair: K. Watanabe
14:30 – 15:00	Break			
15:00 – 16:45	GS4 Bioinformatics & Medical Informatics Chair: A. Ravankar	GS8 Identification and Estimation Chair: H.-H. Lee	OS3 Bio-inspired Theory and Applications 2 Chair: K. Yamamori	OS1 Bioinspiration and Robotics Chair: M.K. Habib
16:45 – 17:45	Break			
17:45 – 18:00	Opening Ceremony			
18:00 – 18:50	Plenary Speech 1 Soft Robotics - the route to true robotic organisms? Prof. Jonathan Rossiter, University of Bristol, UK Chair: Fumitoshi Matsuno			

OS: Organized Session GS: General Session

Time Table (January 22, 2021)

	Room A	Room B	Room C	Room D
09:00 – 10:30	GS10 Machine learning Chair: M. Maeda	GS11 Mobile robots Chair: Y. Matsuda	GS13 Multi-agent systems Chair: K. Ohkura	OS6 Design and Control of Robotic System Chair: S. Sagara
10:30 – 11:00	Break			
11:00 – 11:50	Plenary Speech 2 AI Empowered Social Robots for Human-Centric Society Dr. Li-Chen Fu, National Taiwan University, Taiwan Chair: H.-Hyol Lee			
11:50 – 13:00	Break			
13:00 – 14:30	GS9 Intelligent control Chair: K. Ito	GS12 Motion planning and navigation Chair: R. Yamada	OS10 Social simulation and HPC Chair: N. Ito	OS8 Robotics with Intelligence and/or Informatics 1 Chair: T. Kinugasa
14:30 – 15:00	Break			
15:00 – 16:45	GS6 Data mining Chair: T. Fuchida	GS19 Swarm robot & Swarm intelligence Chair: H. Yonenoh	GS14 Neural networks Chair: N. Shigei	OS8 Robotics with Intelligence and/or Informatics 2 Chair: M. Minami
18:00 –	Online casual gathering in REMO			

OS: Organized Session GS: General Session

Time Table (January 23, 2021)

	Room A	Room B	Room C	Room D
	Registration (Registration Desk)			
09:00 – 10:30	ISBC OS1 AI in Medicine Chair: S. Tsuji	GS15 Robotic Mechanism Chair: S. Sagara	GS16 Robot vision and image processing 1 Chair: H.-H. Lee	OS11 System Sensing and Its Applications Chair: T. Mizuno
10:30 – 11:00	Break			
11:00 – 11:50	Plenary Speech 3 Lenia and the Rise of Agency in Artificial Life Mr. Bert Wang-Chak CHAN, Independent researcher, Hong Kong Chair: Takaya Arita			
11:50 – 13:00	Break			
13:00 – 14:30	ISBC OS2 Complexity and Information Chair: K. Naitoh	GS18 Sensor and multi-sensor data fusion Chair: R. Suzuki	GS17 Robot vision and image processing 2 Chair: F. Nagata	OS7 Learning and Control Chair: H.-H. Lee

OS: Organized Session GS: General Session