GENERAL SESSION TOPICS

GS1 Control System Applications (6)	GS2 Learning Methods (5)
GS3 Robotics (3)	GS4 Applications (3)

ORGANIZED SESSION TOPICS

OS1 Advanced Information Processing Applications (4)	OS2 Advanced studies of interdisciplinary approach (4)
OS3 Intelligent Systems and Robotics-1 (6)	OS4 Intelligent Systems and Robotics -2- (5)
OS5 Intelligent Control (5)	OS6 Bio-inspired Artificial Vision -Systems and Applications- (5)
OS7 Media Information Processing, Music Recommendation and Artificial Intelligence (4)	OS8 Intelligent Systems and Robotics -3- (4)
OS9 Robot Control (10)	OS10 Software Development Support Method (4)
OS11 Applications of deep learning algorithms (9)	OS12 Intelligent Measurements and Control Systems (8)
OS13 Mathematical Informatics (5)	OS14 Biomedical Systems (4)
OS15 Artificial Intelligence for Embedded Systems and Robotics (5)	OS16 Robotic Manipulation (4)
OS17 Advanced Robotics (8)	OS18 Natural Computing (3)
OS19 Industrial Artificial Intelligence Robotics (7)	OS20 Application studies on sensor and RFID system (6)
OS21 Visual Signal Processing and Human-welfare Robotics I&II (6)	OS22 Advanced studies of network engineering (4)
OS23 Applications in Complex Systems (7)	OS24 Artificial Systems and Life (5)
OS25 Information Applications and Cybersecurity (6)	OS26 Intelligent Life and Data Analysis (6)
OS27 Environmental Monitoring (5)	OS28 Robot Competitions and Education (6)
OS29 Advances in Marine Robotics and Their Applications (8)	OS30 Intelligent Systems and Robotics -4- (6)
OS31 Approaches to Post-Narratology that Combines AI and Cognitive Science with Narratology (9)	OS32 Human-Machine Interface and Automation (9)
OS33 Signal Processing and Chaotic System (5)	OS34 Robotics Navigation and Control (3)

TIME TABLE (1/20)   in Japan time

1/20(Thu.)	**All Rooms meeting passcode** Group meeting for the conference (Conference Room ZOOM ID: 867 9702 9629)
1/23(Sun)	Group meeting for the next conference (Conference Room ZOOM ID: 867 9702 9629)

TIME TABLE (1/21)

1/21(Fri.)	Meeting Room 1 (ZOOM ID: 880 7966 0454)	Meeting Room 2 (ZOOM ID: 893 6690 0965)	Meeting Room 3 (ZOOM ID: 816 1412 9634)	Meeting Room 4 (ZOOM ID: 882 7162 1954)
8:40-	Registration			
9:00-10:00	OS1 Advanced Information Processing Applications (4) Chair: Toru Hiraoka	OS22 Advanced studies of network engineering (4) Chair: Wei Hong Lim	OS23 Applications in Complex Systems (7) Chair: Masao Kubo Will be end at 10:45	OS34 Robotics Navigation and Control (3) Chair: Jiwu Wang
10:00-10:20	Coffee break			
10:20-10:50	Chair : Sakamoto Makoto Opening Ceremony (Conference Room ZOOM ID: 867 9702 9629)			
11:00-12:00	Chair : Yingmin Jia (Conference Room ZOOM ID: 867 9702 9629) Plenary Speech PS2 H. Yamamoto			
12:00-13:00	Lunch			
13:00-14:00	OS2 Advanced studies of interdisciplinary approach (4) Chair: Yousin Park	OS10 Software Development Support Method (4) Chair: Tetsuro Katayama	OS14 Biomedical Systems (4) Chair: Taro Shibanoki	OS16 Robotic Manipulation (4) Chair: Kensuke Harada
14:00-14:20	Coffee break			
14:20-15:50	OS4 Intelligent Systems and Robotics -2- (5) chair: Haokang Wen OS30 Intelligent Systems and Robotics -4- (6) chair: Jichao Zhao OS33 Signal Processing and Chaotic System (5) chair: Huailin Zhao	GS3 Robotics (3) GS4 Applications (3) GS3 Chair: Hideyuki Tanaka GS4 Chair: Noritaka Sato	OS25 Information Applications and Cybersecurity (6) Chair: I-Hsien Liu	OS28 Robot Competitions and Education (6) Chair: Kazuo Ishii
15:50-16:10	coffee break			
16:10-17:10	Chair: Kazuo Ishii (Conference Room ZOOM ID: 867 9702 9629) Plenary Speech PS1 Henrik Hautop Lund			
17:10-17:30	Coffee break			

17:30-18:30	Chair: Rishav Bose & Luigi Pagliarini (Conference Room) Invited Speech IS1, IS2 Luigi Pagliarini, Rishav Bose

TIME TEBLE (1/22)

1/22(Sat.)	Meeting Room 1 (ZOOM ID: 880 7966 0454)	Meeting Room 2 (ZOOM ID: 893 6690 0965)	Meeting Room 3 (ZOOM ID: 816 1412 9634)	Meeting Room 4 (ZOOM ID: 882 7162 1954)
8:40-	Registration			
9:00-10:30	OS13 Mathematical Informatics (5) Chair: Takao Ito	OS6 Bio-inspired Artificial Vision – Systems and Applications- (5) Chair: Shinsuke Yasukawa	OS15 Artificial Intelligence for Embedded Systems and Robotics (5) Chair: Hakaru Tamukoh	GS1 Control System Applications (6) Chair: Hiroaki Wagatsuma
10:30-10:45	Coffee break			
10:45-12:00	OS5 Intelligent Control (5) Chair: Yingmin Jia	GS2 Learning Methods (5) Chair: Masato Nagayoshi	OS24 Artificial Systems and Life (5) Chair: Kuo-Hsien Hsia	OS27 Environmental Monitoring (5) Chair: Kazuo Ishii
12:00-13:00	Lunch			
13:00-14:00	Chair : Eiji Hayashi (Conference Room ZOOM ID: 867 9702 9629) Plenary Speech PS3 Takao Ito			
14:00-14:20	Coffee break			
14:20-15:20	OS21-1 Visual Signal Processing and Human-welfare Robotics I&II (4) Chair: Joo Kooi Tan	OS19-1 Industrial Artificial Intelligence Robotics (4) Chair: Eiji Hayashi	OS26-1 Intelligent Life and Data Analysis (4) Chair: I-Hsien Liu	OS29-1 Advances in Marine Robotics and Their Applications (4) chair: Keisuke Watanabe
15:20-15:30	Coffee break			
15:30-16:30	OS21-2 Visual Signal Processing and Human-welfare Robotics I&II (2) Chair: Joo Kooi Tan	OS19-2 Industrial Artificial Intelligence Robotics (3) Chair: Eiji Hayashi	OS26-2 Intelligent Life and Data Analysis (2) Chair: I-Hsien Liu	OS29-2 Advances in Marine Robotics and Their Applications (4) chair: Keisuke Watanabe
16:30-16:40	Coffee break			
16:40-17:40	OS11-1 Applications of deep learning Algorithms (4) Chair: Xiaoyan Chen	OS18 Natural Computing (3) Chair: Marion Oswald	OS17-1 Advanced Robotics (4) Chair: Evgeni Magid	
17:40-17:50	Coffee break			
17:50-19:05	OS11-2 Applications of deep learning Algorithms (5) Chair: Xiaoyan Chen		OS17-2 Advanced Robotics (4) Chair: Evgeni Magid	

TIME TABLE (1/23)

1/23(Sun.)	Meeting Room 1 (ZOOM ID: 880 7966 0454)	Meeting Room 2 (ZOOM ID: 893 6690 0965)	Meeting Room 3 (ZOOM ID: 816 1412 9634)	Meeting Room 4 (ZOOM ID: 882 7162 1954)
8:40-	Registration			
9:00-10:30	OS3 Intelligent Systems and Robotics-1 (6) chair: Peng Lu OS8 Intelligent Systems and Robotics -3- (4) chair: Tianyi Zhang		OS9-1 Robot Control (6) Chair: Yizhun Peng	OS31 Approaches to Post-Narratology that Combines AI and Cognitive Science with Narratology (6) Chair: Jumpei Ono
10:30-10:50	Coffee break			
10:50-11:50		OS7 Media Information Processing, Music Recommendation and Artificial Intelligence (4) Chair: Yasunari Yoshitomi	OS9-2 Robot Control (4) Chair: Yizhun Peng	OS31-2 Approaches to Post-Narratology (3) that Combines AI and Cognitive Science with Narratology (3) Chair: Jumpei Ono
11:50-13:00	Lunch			
13:00-14:00		OS20-1 Application studies on sensor and RFID system (4) chair: Ammar A.M. Al-Talib	OS32-1 Human-Machine Interface and Automation (4) Chair: Norrima Mokhtar	OS12-1 Intelligent Measurements and Control Systems (4) Chair: Xiaoyan Chen
14:00-14:10	Coffee break			
14:10-15:25		OS20-2 Application studies on sensor and RFID system (2) chair: Ammar A.M. Al-Talib	OS32-2 Human-Machine Interface and Automation (5) Chair: Norrima Mokhtar	OS12-2 Intelligent Measurements and Control Systems (4) Chair: Xiaoyan Chen