

GENERAL SESSION TOPICS

GS1 Artificial Neural Network & Bio-Signal Controlled Robotics (3)	GS2 Automated Guided Vehicles I (6)
GS3 Automated Guided Vehicles II (3)	GS4 Biological Systems (4)
GS5 Filtering & Control Systems (2)	GS6 Human-Welfare Robotic System & Medical Application (5)
GS7 Micro-Machines & Robotics I (6)	GS8 Micro-Machines & Robotics II (3)
GS9 Neuromorphic Robotic Systems (5)	GS10 Reinforcement & Evolutionary Computations (3)
GS11 Others (12)	

ORGANIZED SESSION TOPICS

OS1 Informational Narratology and Automated Content Generation (5)	OS2 Intelligence Control Systems and Applications I (6)
OS3 Intelligence Control Systems and Applications II (6)	OS4 Human-In-The-Loop (HITL) Systems (4)
OS5 Human Interface and Content Security (5)	OS6 Software Development Support Method (6)
OS7 Advances in Marine Robotics and Applications (6)	OS8 Multiagent systems and Reality Mining (4)
OS9 Theory and Implementation of Neuromorphic Systems (5)	OS10 Biological Signal Sensing Technology, Device and Its Applications (5)
OS11 Robot Control and Localization (4)	OS12 Machine Learning and Its Applications (4)
OS13 Intelligent Control (6)	OS14 Advanced Control (5)
OS15 Recognition and Control (8)	OS16 Image Recognition and Chaotic Systems (8)
OS17 Natural Computing and Biology (4)	OS18 Advanced Management and Technology (4)
OS19 Kansei Engineering and Applications (4)	OS20 Image Processing and Computer Graphics (6)
OS21 Computer Science and Information Processing (5)	OS22 Robotic Technology for Competition (4)

1/19(Thu.) 17:30-19:30	Welcome Party (Conference Site: Gibraltar)
1/19(Thu.) - 1/22(Sun.)	ICAROB Secretariat

TIME TABLE (1/20)

1/20(Fri.)	Fountain Room (A1) 2nd F	Orchard Room (A2) 2nd F, N	Orchard Room (A3) 2nd F, S
8:40-	Registration		
9:00-10:15	OS14 Advanced Control (5)	GS6 Human-Welfare Robotic System & Medical Application (5)	OS5 Human Interface and Content Security (5)
10:15-10:30	Coffee break		
10:30-11:00	Opening Ceremony (Orchard Room (A2) 2nd F, N)		
11:10-12:10	Chair: Takao Ito Invited session IS-2, IS-4 (Orchard Room (A2) 2nd F, N) Henrik Hautop Lund		
12:10-13:10	Lunch		
13:10-13:50	Chair: Jangmyung Lee Invited session IS-1 (Orchard Room (A2) 2nd F, N) Luigi Pagliarini		
13:50-14:10	Invited session IS-3 (Orchard Room (A2) 2nd F, N) Ismael Baira Ojeda		
14:10-14:30	Coffee break		
14:30-16:00	OS2 Intelligence Control Systems and Applications (I) (6)	GS2 Automated Guided Vehicles I (6)	GS7 Micro-Machines & Robotics I (6)
16:00-16:20	Coffee break		
16:20-17:50	OS3 Intelligence Control Systems and Applications (II) (6)	OS9 Theory and Implementation of Neuromorphic Systems (5)	OS7 Advances in Marine Robotics and Applications (6)

TIME TEBLE (1/21)

1/21(Sat.)	Fountain Room (A1) 2nd F	Orchard Room (A2) 2nd F, N	Orchard Room (A3) 2nd F, S
8:40-	Registration		
9:00-11:00	OS6 Software Development Support Method (6)	OS15 Recognition and Control (8) & OS16 Image Recognition and Chaotic Systems (8)	OS4 Human-In-The-Loop (HITL) Systems (4) & OS11 Robot Control and Localization (4)
11:00-11:15	Coffee break		
11:15-12:00	GS5 Filtering & Control Systems (2)	GS8 Micro-Machines & Robotics II (2)	GS1 Artificial Neural Network and Bio-Signal Controlled Robotics (3)
12:00-13:00	Lunch		
13:00-14:00	Chair: Yingmin Jia Plenary Speech PS1(Orchard Room (A2) 2nd F, N) Kazuo Ishii		
14:00-14:20	Coffee break		
14:20-15:50	OS20 Image Processing and Computer Graphics (6)	OS13 Intelligent Control (6)	OS8 Multiagent systems and Reality Mining (4)
15:50-16:10	Coffee break		
16:10-17:10	GS9 Neuromorphic Robotic Systems (4)	OS22 Robotic Technology for Competition (4)	OS12 Machine Learning and Its Applications (4)
18:00-20:00	Banquet: Kaiho (3rd F)		

TIME TABLE (1/22)

1/22(Sun.)	Fountain Room (A1) 2nd F	Orchard Room (A2) 2nd F, N	Orchard Room (A3) 2nd F, S
8:50-	Registration		
9:10-10:25	OS10 Biological Signal Sensing Technology, Device and Its Applications (5)	OS21 Computer Science and Information Processing (5)	OS1 Informational Narratology and Automated Content Generation (5)
10:25-10:40	Coffee break		
10:40-11:40	Chair: Makoto Sakamoto Plenary Speech PS2 (Orchard Room (A2) 2nd F, N) Tomoyuki Nishita		
11:40-13:00	Lunch		
13:00-13:50	Chair: Takao Ito Invited Speech IS4 (Orchard Room (A2) 2nd F, N) Peter Sapaty		
13:50-14:10	Coffee break		
14:10-15:10	OS18 Advanced Management and Technology (4)	OS17 Natural Computing and Biology (4)	OS19 Kansei Engineering and Applications (4)
15:10-15:30	Coffee break		
15:30-16:30	GS10 Reinforcement & Evolutionary Computations (4)	GS3 Automated Guided Vehicles II (3)	GS4 Biological Systems (4)

GS1	Artificial Neural Network & Bio-Signal Controlled Robotics (3)	20,21,27
GS2	Automated Guided Vehicles I (6)	3,4,9,12,15,17
GS3	Automated Guided Vehicles II (3)	19,38,43
GS4	Biological systems (4)	5,33,35,36
GS5	Filtering & Control Systems (2)	31, 39
GS6	Human-Welfare Robotic System Medical Application (5)	11,14,18,26,51
GS7	Micro-Machines & Robotics I (6)	6,7, 28,29,48,49
GS8	Micro-Machines & Robotics II (2)	25,37
GS9	Neuromorphic Robotic Systems (4)	8,10,13,16
GS10	Reinforcement & Evolutionary Computations (4)	22,24,32,47
GS11	Others (14)	1,2,40,41,42,44,45,46, ,52,53,54,55,56

34->(withdraw), 23->(OS18-1),30->(IS-4)