

Conference Schedule of ICUS 2026 (Beijing Time)

September 18 - Mangrove Tree Resort World MICE Center, Qingdao, Shandong Province, China			
14:00-21:00	Check-In/On-Site Registration		Lobby of Mangrove Tree Resort World MICE Center (Level B1)
September 19（Plenary Lectures/Poster Sessions）- Mangrove Tree Resort World MICE Center, Qingdao, Shandong Province, China			
08:45-09:15	Opening Ceremony/Plenary Photo		Hall A, Mangrove Tree Resort World MICE Center (Level B0)
09:15-09:45	Prof. Weimin Bao Academician of the Chinese Academy of Sciences （China Aerospace Science and Technology Corporation, China）	New Trends and Reflections on Future Space Exploration	
09:45-10:15	Prof. Lei Guo Academician of the Chinese Academy of Sciences （Beihang University, China）	Aerospace Bio-inspired Intelligence: Safety, Green, and Evolutionary Design	
10:15-10:30	Poster Sessions/Coffee Break		Foyer outside Hall A, Mangrove Tree Resort World MICE Center (Level B0)
10:30-11:00	Prof. Giancarlo Fortino IEEE Fellow （University of Calabria, Italy）	Generative Digital Twins: Principles, Architecture, Methodology, and Applications	Hall A, Mangrove Tree Resort World MICE Center (Level B0)

11:00-11:30	Prof. Long Wang (Peking University, China)	From Evolutionary Games to Meta-synthetic Wisdoms	Hall A, Mangrove Tree Resort World MICE Center (Level B0)
11:30-14:00	Lunch (Buffet)		Le Grand Bleu French Bar (1F, Coral Hotel)
14:00-14:30	Prof. Hesheng Wang (Shanghai Jiao Tong University, China)	Embodied Intelligence for Robotic Navigation and Manipulation	Hall A, Mangrove Tree Resort World MICE Center (Level B0)
14:30-15:00	Prof. Michael Basin IEEE Fellow (Autonomous University of Nuevo Leon, Mexico)	From Finite- to Predefined-Time Convergent Control: Design and Applications to Unmanned Aerial Systems	
15:00-15:30	Prof. Fumin Zhang (Hong Kong University of Science and Technology, China)	Dynamics and Control of Miniature Autonomous Blimps	
15:30-15:45	Poster Sessions/Coffee Break		Foyer outside Hall A, Mangrove Tree Resort World MICE Center (Level B0)
15:45-16:15	Prof. Chenguang Yang IEEE Fellow (The Hong Kong Polytechnic University, China)	Humam-like Robot Control, Learning and Human-robot Collaboration	Hall A, Mangrove Tree Resort World MICE Center (Level B0)
16:15-16:45	Prof. Guangjie Han IEEE Fellow (Hohai University, China)	Multi-Dimensional Dynamic Trust Management Mechanism in Underwater Acoustic Sensor Networks	

16:45-17:15	Prof. Hai Huang (Harbin Engineering University, China)	Intelligent Manipulation and Cooperative Operation Technology of Underwater Vehicles	Hall A, Mangrove Tree Resort World MICE Center (Level B0)
17:15-17:30	Handover Ceremony of Conference Organizers		
18:00	Dinner		Hall B/C, Mangrove Tree Resort World MICE Center (Level B0)

September 20 (Oral Sessions) - Mangrove Tree Resort World Coral Hotel, Qingdao, Shandong Province, China			
Time	Session	Chair	Room
08:30-10:00	IS01-1: Distributed Control and Decision in an Information-Rich World	Prof. Guanghui Wen (Southeast University, China)	Coral Function Room 1 (1F, Coral Hotel)
	IS22-1: Localization, Mapping, and Path Planning of Unmanned Systems	Prof. Shiliang Shao (Shenyang Institute of Automation, Chinese Academy of Sciences, China)	Coral Function Room 2 (1F, Coral Hotel)
	IS03: Human-Machine Interaction and Shared Control of Aerial-Ground Collaborative Unmanned Systems	Prof. Luzheng Bi (Beijing Institute of Technology, China)	Coral VIP Meeting Room (1F, Coral Hotel)
	IS04: Cluster-Embodied Intelligent Collaborative Decision-Making, Planning and Control	Dr. Chengxin Xian (City University of Hong Kong, China)	Coral Meeting Room 1 (2F, Coral Hotel)
	IS05: Modeling, Optimization and Game Control of Human-Machine Interaction Behavior in Intelligent Transportation Systems	Dr. Jinhao Liang (National University of Singapore, Singapore)	Coral Meeting Room 2 (2F, Coral Hotel)
	IS07: Interaction, Cognition, Decision-Making, and Control in AI-Enabled Autonomous Carrier Systems	Prof. Daxin Tian (Beihang University, China)	Coral Meeting Room 0 (2F, Coral Hotel)
10:00-10:15	Coffee Break		1F/2F, Coral Hotel

September 20 (Oral Sessions) - Mangrove Tree Resort World Coral Hotel, Qingdao, Shandong Province, China			
Time	Session	Chair	Room
10:15-11:45	IS01-2: Distributed Control and Decision in an Information-Rich World	Prof. Guanghui Wen (Southeast University, China)	Coral Function Room 1 (1F, Coral Hotel)
	IS22-2: Localization, Mapping, and Path Planning of Unmanned Systems	Prof. Shiliang Shao (Shenyang Institute of Automation, Chinese Academy of Sciences, China)	Coral Function Room 2 (1F, Coral Hotel)
	IS14: Connected Autonomous Driving: Decision-Making, Motion Planning, and Advanced Vehicle Control	Dr. Guoshun Cai (The University of Hong Kong, China)	Coral VIP Meeting Room (1F, Coral Hotel)
	IS20: Unmanned Intelligent Positioning and Navigation	Prof. Xiangwei Zhu (Sun Yat-sen University, China)	Coral Meeting Room 1 (2F, Coral Hotel)
	IS16: Intelligent Processing and Trustworthy Identification of Aerospace Multimodal Remote Sensing Images	Prof. Wen Jiang (Northwestern Polytechnical University, China)	Coral Meeting Room 2 (2F, Coral Hotel)
	IS38: Intelligent Operation Technology and Applications for Unmanned Systems in Extreme Environments	Prof. Liying Yang (Shenyang Institute of Automation, Chinese Academy of Sciences, China)	Coral Meeting Room 0 (2F, Coral Hotel)
11:45-13:00	Lunch (Buffet)		Le Grand Bleu French Bar (1F, Coral Hotel)

September 20 (Oral Sessions) - Mangrove Tree Resort World Coral Hotel, Qingdao, Shandong Province, China

Time	Session	Chair	Room
13:00-14:30	IS08: Autonomous Cooperative Control of Swarm Systems IS18: Embodied Cognition and Trustworthy Decision-Making for Unmanned Systems	Asst. Prof. Qing Wang (Beihang University, China) Prof. Yuezun Lv (Beijing Institute of Technology, China)	Coral Function Room 1 (1F, Coral Hotel)
	IS15: Robust and Trustworthy Ground Autonomous Intelligent Systems	Assoc. Prof. Huanjie Wang (Beijing University of Technology, China)	Coral Function Room 2 (1F, Coral Hotel)
	IS21: Data-Driven Autonomous Sensing and Safety Control for Unmanned Systems	Dr. Mingming Bai (Zhejiang University, China)	Coral VIP Meeting Room (1F, Coral Hotel)
	IS23: Intelligent Game-Theoretic Decision-Making for Unmanned Systems	Prof. Yu Liu (Tsinghua University, China)	Coral Meeting Room 1 (2F, Coral Hotel)
	IS24: Artificial Intelligence and Its Applications in Unmanned Systems	Prof. Chao Deng (University of Posts and Telecommunications, China)	Coral Meeting Room 2 (2F, Coral Hotel)
	IS28: Embodied Intelligent Marine Robots	Prof. Xianbo Xiang (Huazhong University of Science and Technology, China)	Coral Meeting Room 0 (2F, Coral Hotel)
14:30-16:00	IS10: Embodied intelligent unmanned System: From Perception to Action	Assoc. Prof. Dong Zhou (Harbin Institute of Technology & The Chinese University of Hong Kong, China)	Coral Function Room 1 (1F, Coral Hotel)

September 20 (Oral Sessions) - Mangrove Tree Resort World Coral Hotel, Qingdao, Shandong Province, China

Time	Session	Chair	Room
14:30-16:00	IS19: Amphibious Special Robot Technology	Prof. Hongde Qin (Harbin Engineering University, China)	Coral Function Room 2 (1F, Coral Hotel)
	IS32: AI-Enabled Autonomy and Decision-Making for Industrial Unmanned Systems	Dr. Cheng Ren (The Hong Kong Polytechnic University, China)	Coral VIP Meeting Room (1F, Coral Hotel)
	IS33: Air-ground Integrated Unmanned System Communication Network	Prof. Zhiyong Du (Information Support Force Engineering University, China)	Coral Meeting Room 1 (2F, Coral Hotel)
	IS40: Swarm Coordinated Perception, Decision-Making, and Control for Heterogeneous Unmanned Agents	Dr. Mengchi Cai (Tsinghua University, China)	Coral Meeting Room 2 (2F, Coral Hotel)
16:00-16:15	Coffee Break		1F/2F, Coral Hotel
16:15-17:45	IS41: Swarm Intelligence and Secure Control of Unmanned Systems	Assoc. Prof. Hanxiao Liu (Shanghai University, China)	Coral Function Room 1 (1F, Coral Hotel)
	IS42: Intelligent Perception and Autonomous Control of Unmanned Systems for Low-Altitude Scenarios	Assoc. Prof. Zi Kan (Beihang University, China)	Coral Function Room 2 (1F, Coral Hotel)

September 20 (Oral Sessions) - Mangrove Tree Resort World Coral Hotel, Qingdao, Shandong Province, China			
Time	Session	Chair	Room
16:15-17:45	IS44: Digital-Intelligent Swarm Cooperation for Unmanned Surface Systems	Prof. Lei Zhang (Harbin Engineering University, China)	Coral VIP Meeting Room (1F, Coral Hotel)
	IS46: Robot Path Planning and Control in Unstructured Environments	Prof. Hongbo Gao (University of Science and Technology of China, China)	Coral Meeting Room 1 (2F, Coral Hotel)
	IS47: Relationship Modeling and Resilient Decision-Making for Unmanned Swarms	Assoc. Prof. Xin Gong (Southeast University, China)	Coral Meeting Room 2 (2F, Coral Hotel)

Venue Information

Lobby of Mangrove Tree Resort World MICE Center	红树林度假世界会议会展中心大堂
Hall A, Mangrove Tree Resort World MICE Center	红树林度假世界会议会展中心 A 厅
Hall B/C, Mangrove Tree Resort World MICE Center	红树林度假世界会议会展中心 B/C 厅
Mangrove Tree Resort World Coral Hotel	红树林度假世界珊瑚酒店
Le Grand Bleu French Bar (1F, Coral Hotel)	莱贡普鲁法餐吧 (珊瑚酒店一层)
Coral Function Room 1 (1F, Coral Hotel)	珊瑚多功能厅1 (珊瑚酒店一层)
Coral Function Room 2 (1F, Coral Hotel)	珊瑚多功能厅2 (珊瑚酒店一层)
Coral VIP Meeting Room (1F, Coral Hotel)	珊瑚会见厅 (珊瑚酒店一层)
Coral Meeting Room 0 (2F, Coral Hotel)	珊瑚会议室0 (珊瑚酒店二层)
Coral Meeting Room 1 (2F, Coral Hotel)	珊瑚会议室1 (珊瑚酒店二层)
Coral Meeting Room 2 (2F, Coral Hotel)	珊瑚会议室2 (珊瑚酒店二层)