

## Conference Schedule of ICUS 2025 (Beijing Time)

September 17 - Zhongwu Hotel, Changzhou, Jiangsu Province, China			
14:00-21:00	Check-in/On-site Registration		Lobby of Zhongwu Hotel
September 18（Plenary Lectures）- Zhongwu Hotel, Changzhou, Jiangsu Province, China			
08:45-09:15	Opening Ceremony/Plenary Photo		LONGCHNEG GRAND BALLROOM 1&2 （2nd Floor）
09:15-09:45	<b>Prof. Alessandro Astolfi</b> IEEE Fellow （Imperial College London, U.K.）	Geometry, Coordinates, Invariance and Energy in the Control of Unmanned Systems	
09:45-10:15	<b>Prof. Ming Cao</b> IEEE Fellow （University of Groningen, Netherlands）	Navigation and Motion Coordination of Platoons of Autonomous Robots	
10:15-10:30	Tea Break		
10:30-11:00	<b>Prof. Hong Chen</b> IEEE Fellow （Tongji University, China）	Real-Time MPC for Automotive Intelligence	LONGCHNEG GRAND BALLROOM 1&2 （2nd Floor）
11:00-11:30	<b>Prof. Xiaokang Yang</b> IEEE Fellow （Shanghai Jiao Tong University, China）	AI-Enabled Scientific Facility: Concept and Practice	
11:30-14:00	Lunch (Buffet)		ZHONGWU GRAND BALLROOM 1&2（3rd Floor）

14:00-14:30	<b>Prof. Marios Polycarpou</b> IEEE Fellow (University of Cyprus, Cyprus)	Connecting AI to the Cyber-Physical World: Risks, Opportunities and Challenges	LONGCHNEG GRAND BALLROOM 1&2 (2nd Floor)
14:30-15:00	<b>Prof. Liang Xiao</b> IEEE Fellow (Xiamen University, China)	Collaborative Vehicular Perception for Autonomous Driving Against Data Fabrication Attacks	
15:00-15:30	<b>Prof. Xiaofan Wang</b> (President of Shanghai Institute of Technology, China)	Cooperative Control of Multi-Agent Systems with Actuator Saturation	
15:30-15:45	Tea Break		
15:45-16:15	<b>Prof. Mou Chen</b> (Nanjing University of Aeronautics and Astronautics, China)	Key Technologies for Safe Control of Aircraft Swarms in Complex Low-Altitude Environments	LONGCHNEG GRAND BALLROOM 1&2 (2nd Floor)
16:15-16:45	<b>Prof. Guanghui Wen</b> (Southeast University, China)	Distributed Swarm Intelligence for Decision-Making and Control in Unmanned Swarm Equipment Systems	
16:45-17:15	<b>Prof. Daxin Tian</b> IEEE Fellow (Beihang University, China)	Fully Autonomous Driving Technology in Complex Environments	
17:15-17:30	Handover Ceremony of Conference Organizers		
18:00	Dinner		ZHONGWU GRAND BALLROOM 1&2 (3rd Floor)

**September 19 (Oral/Poster Sessions) - Zhongwu Hotel, Changzhou, Jiangsu Province, China**

<b>Time</b>	<b>Session</b>	<b>Chair</b>	<b>Room</b>
08:15-09:45	<b>IS01:</b> Interaction, Cognition, Decision-making, and Control in Autonomous Driving Systems	<b>Prof. Daxin Tian</b> (Beihang University, China)	SANXI ROOM (1st Floor)
	<b>IS03-1:</b> Learning-Based Distributed Cooperative Control and Optimization	<b>Prof. Guanghui Wen</b> (Southeast University, China)	LIYUN ROOM (1st Floor))
	<b>IS04-1:</b> Human-Machine Interaction and Shared Control of Aerial-Ground Collaborative Unmanned Systems	<b>Prof. Luzheng Bi</b> (Beijing Institute of Technology, China)	BAGUI ROOM (1st Floor)
	<b>IS05-1:</b> Key Technologies of Marine Unmanned Systems	<b>Prof. Wei Han</b> (Zhihai Innovation Research Institute, CSSC, China)	ZHUXIANG ROOM (1st Floor)
	<b>IS08-1:</b> The Game, Decision-Making and Safety Control of Multiple Unmanned Systems	<b>Dr. Yuan Zhou</b> (Hong Kong Polytechnic University, China)	ZHENHE ROOM (1st Floor)
	<b>IS09-1:</b> Data Fusion and Intelligent Control for Unmanned Systems	<b>Prof. Yuezu Lv</b> (Beijing Institute of Technology, China)	SONGJIAN ROOM (1st Floor)
	<b>IS13-1:</b> Intelligent Processing and Trustworthy Identification of Aerospace Remote Sensing Big Data	<b>Prof. Wen Jiang</b> (Northwestern Polytechnical University, China)	YISHU ROOM (1st Floor)
	<b>IS29-1:</b> Intelligent Decision-Making and Learning Control for Unmanned Systems	<b>Assoc. Prof. Fei Ding</b> (Hunan University, China)	JUNXING ROOM (1st Floor)
09:45-10:00	<b>Poster Session/Tea Break</b>		2nd Floor, Zhouwu Hotel

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<b>Time</b>	<b>Session</b>	<b>Chair</b>	<b>Room</b>
10:00-11:30	<b>IS03-2:</b> Learning-Based Distributed Cooperative Control and Optimization	<b>Prof. Guanghui Wen</b> (Southeast University, China)	LIYUN ROOM (1st Floor)
	<b>IS04-2:</b> Human-Machine Interaction and Shared Control of Aerial-Ground Collaborative Unmanned Systems	<b>Prof. Luzheng Bi</b> (Beijing Institute of Technology, China)	BAGUI ROOM (1st Floor)
	<b>IS05-2:</b> Key Technologies of Marine Unmanned Systems	<b>Prof. Wei Han</b> (Zhihai Innovation Research Institute, CSSC, China)	ZHUXIANG ROOM (1st Floor)
	<b>IS08-2:</b> The Game, Decision-Making and Safety Control of Multiple Unmanned Sys	<b>Dr. Yuan Zhou</b> (Hong Kong Polytechnic University, China)	ZHENHE ROOM (1st Floor)
	<b>IS09-2:</b> Data Fusion and Intelligent Control for Unmanned Systems	<b>Prof. Yuezun Lv</b> (Beijing Institute of Technology, China)	SONGJIAN ROOM (1st Floor)
	<b>IS13-2:</b> Intelligent Processing and Trustworthy Identification of Aerospace Remote Sensing Big Data	<b>Prof. Wen Jiang</b> (Northwestern Polytechnical University, China)	YISHU ROOM (1st Floor)
	<b>IS29-2:</b> Intelligent Decision-Making and Learning Control for Unmanned Systems	<b>Assoc. Prof. Fei Ding</b> (Hunan University, China)	JUNXING ROOM (1st Floor)
	<b>IS38:</b> Autonomous Cooperative Control of Swarm Systems	<b>Asst. Prof. Qing Wang</b> (Beihang University, China)	HANBI ROOM (1st Floor)

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<b>Time</b>	<b>Session</b>	<b>Chair</b>	<b>Room</b>
11:30-13:30	Lunch (Buffet)		ZHONGWU GRAND BALLROOM 1&2 (3rd Floor)
13:30-15:30	<b>IS06:</b> Autonomous Navigation and Intelligent Perception of Unmanned Systems	<b>Prof. Xiangwei Zhu</b> (Sun Yat-sen University, China)	HANBI ROOM (1st Floor)
	<b>IS12:</b> Maritime Unmanned Swarms: Intelligent Perception and Cooperative Control	<b>Dr. Yichen Li</b> (Shanghai Jiao Tong University, China)	LIYUN ROOM (1st Floor)
	<b>IS18:</b> Autonomous Navigation and Motion Planning of Unmanned Systems in Complex Constrained Environments	<b>Prof. Yanjie Chen</b> (National University of Defense Technology, China)	BAGUI ROOM (1st Floor)
	<b>IS27:</b> Modeling, Optimization and Game Control of Human-Machine Interaction Behavior in Intelligent Transportation Systems	<b>Prof. Guodong Yin</b> (Southeast University, China)	ZHUXIANG ROOM (1st Floor)
	<b>IS31:</b> Intelligent Marine Robots Technology	<b>Prof. Hongde Qin</b> (Harbin Engineering University, China)	ZHENHE ROOM (1st Floor)
	<b>IS37:</b> From Perception to Decision-Making: Multi-Sensor Vision Empowers Unmanned Systems	<b>Prof. Deyang Liu</b> (Anqing Normal University, China)	SONGJIAN ROOM (1st Floor)
	<b>IS43:</b> Intelligent Perception and Collaborative Decision-Making of Unmanned Systems	<b>Prof. Shiliang Shao</b> (Shenyang Institute of Automation (SIA), Chinese Academy of Sciences)	YISHU ROOM (1st Floor)

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<b>Time</b>	<b>Session</b>	<b>Chair</b>	<b>Room</b>
13:30-15:30	<b>IS45:</b> Intelligent Control and Collaboration of Unmanned Aircraft	<b>Prof. Yueneng Yang</b> (National University of Defense Technology, China)	JUNXING ROOM (1st Floor)
15:30-15:45	<b>Poster Session/Tea Break</b>		2nd Floor, Zhongwu Hotel
15:45-18:00	<b>IS22:</b> Perception, Planning and Control of UAV Systems Driven by AI	<b>Dr. Wenwu Zhu</b> (Hefei University of Technology, China)	LIYUN ROOM (1st Floor)
	<b>IS28:</b> Embodied Perception, Planning and Control of Autonomous Unmanned Systems	<b>Assoc. Prof. Xiangyu Shao</b> (Harbin Institute of Technology, China)	BAGUI ROOM (1st Floor)
	<b>IS39:</b> AI-driven Air-ground Integrated Unmanned System Communication Network	<b>Assoc. Prof. Ximing Wang</b> (Information Support Force Engineering University, China)	ZHENHE ROOM (1st Floor)
	<b>IS11:</b> Intelligent Perception and Decision Making for Autonomous Unmanned Systems <b>IS15:</b> Marine Situation Intelligent Awareness and Cognition of Unmanned System	<b>Prof. Xiuxian Li</b> (Tongji University, China) <b>Prof. Haipeng Wang</b> (Naval Aviation University, China)	ZHUXIANG ROOM (1st Floor)
	<b>IS19:</b> Data-Driven Autonomous Sensing and Safety Control for Unmanned Systems <b>IS20:</b> Robust and Trustworthy Unmanned Ground Autonomous Systems	<b>Dr. Mingming Bai</b> (Zhejiang University, China) <b>Dr. Huanjie Wang</b> (Beijing University of Technology, China)	SONGJIAN ROOM (1st Floor)

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<b>Time</b>	<b>Session</b>	<b>Chair</b>	<b>Room</b>
15:45-18:00	<b>IS33:</b> High-Reliability Cooperative Planning and Control for Unmanned Swarms <b>IS34:</b> Intelligent Decision and Planning for Complex and Dynamic Unmanned Swarm Systems	<b>Dr. Tao Xu</b> (Beijing Institute of Technology, China) <b>Prof. Shisheng Cui</b> (Beijing Institute of Technology, China)	YISHU ROOM (1st Floor)
	<b>IS36:</b> Key Resilient Intelligence Technologies in Unmanned Systems <b>IS42:</b> Intelligent Operational Technologies and Applications for Polar Expedition UAV	<b>Prof. Wenwu Yu</b> (Southeast University, China) <b>Prof. Liying Yang</b> (Shenyang Institute of Automation (SIA), Chinese Academy of Sciences)	JUNXING ROOM (1st Floor)

## Venue Information

Lobby of Zhongwu Hotel	中吴宾馆大堂
LONGCHNEG GRAND BALLROOM 1&2 (2nd Floor)	龙城宴会厅 1、2 (二层)
ZHONGWU GRAND BALLROOM 1&2 (3rd Floor)	中吴宴会厅 1、2 (三层)
SANXI ROOM (1st Floor)	三锡厅 (一层)
LIYUN ROOM (1st Floor)	梨云厅 (一层)
BAGUI ROOM (1st Floor)	八桂厅 (一层)
ZHUXIANG ROOM (1st Floor)	竹香厅 (一层)
ZHENHE ROOM (1st Floor)	贞和厅 (一层)
SONGJIAN ROOM (1st Floor)	松建厅 (一层)
YISHU ROOM (1st Floor)	易书厅 (一层)
JUNXING ROOM (1st Floor)	筠星厅 (一层)
HANBI ROOM (1st Floor)	涵碧厅 (一层)