

IEEE USYS 2024 - General Schedule

Conference Date: October 18th to 20th , 2024

Conference Venue:Xi'an Qujiang International Convention Center

Registration Place: Lobby of Ramada Plaza by Wyndham (Xi'an South)

Oct 18 th 2024	Activities	Address
14:00 - 22:00	Registration	Lobby of Ramada Plaza by Wyndham Xi'an South
15:00 - 17:00	Workshop on Marine Robots <i>Prof. Tiezhi Sun, Jing Yan, Zhouhua Peng, Jiajia Jiang</i>	Xi'an Qujiang International Convention Center (208-209 2F)
18:00 - 21:00	Dinner	Ramada Plaza by Wyndham Xi'an South (Alice Restaurant 2F)

Oct 19 th 2024	Activities	Address
08:30-09:00	Opening Ceremony <i>8:30-8:40 Greeting from university Leader</i> <i>8:40-8:50 Greeting from Conference Chair</i> <i>8:50-9:00 Greeting from Conference Honorary Chair</i>	Xi'an Qujiang International Convention Center (Baihe Hall 1F)
09:00- 09:20	Group Photographing	Square of Xi'an Qujiang International Convention Center
09:20- 09:50	Plenary Speech 1: Academician Wei Huang	Xi'an Qujiang International Convention Center (Baihe Hall 1F)
09:50- 10:20	Plenary Speech 2: Prof Dr Suleman Mazhar, OES <i>Biomimetic Underwater Robots</i>	
10:20- 10:40	Coffee Break	
10:40- 11:10	Plenary Speech 3: Prof. Jingdong Chen <i>naoe-FOAM-SJTU Solver for Ship Flows and Ocean Engineering Flows</i>	
11:10- 11:40	Plenary Speech 4: Prof. Kening Sun <i>Bio-Inspired Autonomy for Mobile Sensor Networks in Aquatic Environment</i>	
11:40 - 12:10	Plenary Speech 4: Prof. Dr Ahmed Chemori (online)	
12: 10- 14:00	Lunch & Leisure Time	Xi'an Qujiang International Convention Center (Furong Hall 1F, Buffet)
14:00- 15:45	Session 1 (General Technology of Underwater Vehicles): <i>Paper ID: 4, 16, 17, 22, 24, 25, 55</i>	Xi'an Qujiang International Convention Center (308 3F)
	Session 2 (Intelligent Underwater Operations): <i>Paper ID: 3, 6, 10, 11, 18, 20, 45</i>	Xi'an Qujiang International Convention Center (309 3F)

	Session 3 (Underwater Navigation and Control Technology): <i>Paper ID: 21, 28, 49, 57, 68, 81, 90</i>	Xi'an Qujiang International Convention Center (310 3F)
	Session 4 (Underwater Intelligent Acoustic and Optical Perception Technology): <i>Paper ID: 5, 9, 31, 34, 38, 44, 48</i>	Xi'an Qujiang International Convention Center (311 3F)
	Session 5 (Underwater Energy Technology): <i>Paper ID: 7, 15, 33, 37, 47, 65, 66</i>	Xi'an Qujiang International Convention Center (312 3F)
15:45- 16: 00	Coffee Break	Xi'an Qujiang International Convention Center (Central Hall 3F)
16: 00- 17:30	Session 1 (General Technology of Underwater Vehicles): <i>Paper ID: 72, 76, 84, 102, 106, 129</i>	Xi'an Qujiang International Convention Center (308 3F)
	Session 2 (Intelligent Underwater Operations): <i>Paper ID: 62, 71, 75, 80, 93</i>	Xi'an Qujiang International Convention Center (309 3F)
	Session 3 (Underwater Navigation and Control Technology): <i>Paper ID: 94, 101, 112, 118, 127</i>	Xi'an Qujiang International Convention Center (310 3F)
	Session 4 (Underwater Intelligent Acoustic and Optical Perception Technology): <i>Paper ID: 53, 63, 83, 121, 131</i>	Xi'an Qujiang International Convention Center (311 3F)
	Session 5 (Underwater Energy Technology): <i>Paper ID: 88, 119, 120, 130, 133</i>	Xi'an Qujiang International Convention Center (312 3F)
18:00-21:00	Awards & Dinner	Xi'an Qujiang International Convention Center (Baihe Hall 1F)

Oct 20 th 2024	Activities	Address
08:30 - 09:00	Plenary Speech 6: Prof. Decheng Wan <i>Research on Control System of a High Speed Large Scale Autonomous Underwater Vehicle</i>	Xi'an Qujiang International Convention Center (Baihe Hall 1F)
09:00 - 09:30	Plenary Speech 7: Prof. Shefeng Yan <i>Underwater Technology, Oceans, and Sustainable Development</i>	
09:30 - 10:00	Plenary Speech 8: Prof. Weidong Zhang <i>Technology and applications of underwater vehicles for ocean observation</i>	
10:00 - 10:30	Coffee Break	
10:30 - 11:00	Plenary Speech 9: Prof. Guangming Xie <i>ALEYIN Initiative for Natural Karst Exploration</i>	
11:00 - 11:30	Plenary Speech 10: Prof. He Shen <i>The Current Status and Development of Underwater Unmanned System</i>	
11:30 - 14:00	Lunch & Leisure Time	Xi'an Qujiang International Convention Center (Furong Hall 1F, Buffet)
14:00- 15:45	Session 6 (Advanced Underwater Unmanned Systems): <i>Paper ID: 12, 26, 30, 35, 40, 74, 78</i>	Xi'an Qujiang International Convention Center (308 3F)
	Session 7 (Underwater Swarm Collaborative Strategie): <i>Paper ID: 2, 46, 51, 61, 64, 89, 91</i>	Xi'an Qujiang International Convention Center (309 3F)
	Session 8 (Marine Engineering and Oceanographic Observation): <i>Paper ID: 13, 27, 41, 50, 59, 82, 95</i>	Xi'an Qujiang International Convention Center (310 3F)
	Session 9 (Biomimetic and Autonomous Technologies for Underwater Robotics): <i>Paper ID: 8, 23, 29, 42, 43, 52, 69</i>	Xi'an Qujiang International Convention Center (311 3F)
	Session 10 (Advanced Safety and Decision-Making Frameworks for Deep-Sea Operations): <i>Paper ID: 14, 19, 39, 58, 60, 73, 77</i>	Xi'an Qujiang International Convention Center (312 3F)
15:45- 16:00	Coffee Break	Xi'an Qujiang International Convention Center (Central Hall 3F)
16:00- 17:30	Session 6 (Advanced Underwater Unmanned Systems): <i>Paper ID: 85, 87, 100, 116, 122, 128</i>	Xi'an Qujiang International Convention Center (308 3F)
	Session 7 (Underwater Swarm Collaborative Strategie): <i>Paper ID: 92, 103, 109, 110, 111, 125</i>	Xi'an Qujiang International Convention Center (309 3F)
	Session 8 (Marine Engineering and Oceanographic Observation): <i>Paper ID: 113, 114, 115, 123, 124</i>	Xi'an Qujiang International Convention Center (310 3F)

	Session 9 (Biomimetic and Autonomous Technologies for Underwater Robotics): <i>Paper ID: 70, 98, 99, 107, 117</i>	Xi'an Qujiang International Convention Center (311 3F)
	Session 10 (Advanced Safety and Decision-Making Frameworks for Deep-Sea Operations): <i>Paper ID: 79, 96, 97, 104, 105</i>	Xi'an Qujiang International Convention Center (312 3F)
18:00-20:00	Dinner	Ramada Plaza by Wyndham Xi'an South (Alice Restaurant 2F, Buffet)