

8th August

08:30-23:30	Conference Registration (Location: Atrium on the ground floor, 1 楼大堂)
11:00-13:00	Buffet Lunch
13:00-15:00	Refreshment and Poster Session 1 & 2 (Location: Longfeng Hall on 2 nd floor, 2 楼隆奉厅)
15:00-17:00	Refreshment and Poster Session 3 & 4 (Location: Longfeng Hall on 2 nd floor, 2 楼隆奉厅)
18:00-	Social Reception

9th August

07:00-08:30	Conference Registration (Location: Atrium on the ground floor, 1 楼大堂)							
08:30-09:00	Opening Ceremony (Location: Main hall on the 3 rd floor, 3 楼东北会堂)							
09:00-09:45	Plenary Talk 1: Prof. I-Ming Chen Intelligent Robots and Hidden Champions (Location: Main hall on the 3 rd floor, 3 楼东北会堂)							
09:45-10:30	Plenary Talk 2: Prof. Etienne Burdet Interaction Control in Humans and with Robots (Location: Main hall on the 3 rd floor, 3 楼东北会堂)							
10:30-11:00	Refreshment							
11:00-12:30 Keynotes & Oral	Grouped Sessions (30mins for each keynote+15mins for each oral presentation in every session)							
	FrA1	FrA2	FrA3	FrA4	FrA5	FrA6	FrA7	FrA8

Keynotes & Oral presentations	(30mins for each keynote+15mins for each oral presentation in every session)							
	FrC1	FrC2	FrC3	FrC4	FrC5	FrC6	FrC7	FrC8
	Swarm intelligence unmanned system	Medical robot	Soft locomotion robot	Robotics for cell manipulation and characterization	Underwater acoustic and optical signal processing for environmental cognition	Signal processing and underwater bionic robots	Human biomechanics and human-centered robotics	Intelligent robots for environment detection or fine manipulation
	Longfeng Hall A on 2nd floor (2 楼隆奉 A 厅)	Longfeng Hall B on 2nd floor (2 楼隆奉 B 厅)	No. 8 Meeting Room on 5th floor (5 楼第八会议室)	No. 9 Meeting Room on 6th floor (6 楼第九会议室)	No. 6 Meeting Room on 3rd floor (3 楼第六会议室)	No. 7 Meeting Room on 3rd floor (3 楼第七会议室)	Activity Room on 5th floor (5 楼活动室)	No. 2 Meeting Room on 3rd floor (3 楼第二会议室)
18:30-20:00	Buffet Dinner							
20:00-21:00	Recruitment Seminar for Talent Acquisition - Shenyang Institute of Automation, Chinese Academy of Sciences (Location: Longfeng Hall on 2 nd floor, 2 楼隆奉厅)							

10th August

07:00-09:00	<p>Conference Registration</p> <p>(Location: Atrium on the ground floor, 1 楼大堂)</p>							
09:00-09:45	<p>Plenary Talk 4: Prof. Huayong Yang</p> <p>The Development of Robotic Technologies Applied to the Mobile Construction Machinery</p> <p>(Location: Main hall on the 3rd floor, 3 楼东北会堂)</p>							
09:45-10:30	<p>Plenary Talk 5: Prof. Yaochu Jin</p> <p>Morphogenetic Self-organization of Swarm Robots</p> <p>(Location: Main hall on the 3rd floor, 3 楼东北会堂)</p>							
10:30-11:00	Refreshment							
11:00-12:30 Keynotes & Oral presentations	<p>Grouped Sessions</p> <p>(30mins for each keynote+15mins for each oral presentation in every session)</p>							
	SaA1 Field robots <small>Longfeng Hall A on 2nd</small>	SaA2 Man-machine interactions	SaA3 Navigation/Loca lization	SaA4 Nonlinear systems and	SaA5 Human-robot interaction	SaA6 Piezoelectric actuators and	SaA7 Teleoperation robot	SaA8 Fault detection, testing and

	floor (2 楼隆奉 A 厅)	Longfeng Hall B on 2nd floor (2 楼隆奉 B 厅)	No. 8 Meeting Room on 5th floor (5 楼第八会 议室)	control No. 9 Meeting Room on 6th floor (6 楼第九会 议室)	No. 6 Meeting Room on 3rd floor (3 楼第六会 议室)	micro-nano manipulations No. 7 Meeting Room on 3rd floor (3 楼第七会 议室)	Activity Room on 5th floor (5 楼活动室)	diagnosis No. 2 Meeting Room on 3rd floor (3 楼第二会 议室)
12:30-14:00	Buffet Lunch							
14:00-14:45	Plenary Talk 6: Prof. Shugen Ma Rethinking Robotics R&D for Real World and Environment-adaptive Robots (Location: Main hall on the 3 rd floor, 3 楼东北会堂)							
15:00-16:30	Grouped Sessions (30mins for each keynote+15mins for each oral presentation in every session)							
Keynotes & Oral presentations	SaB1 Robot intelligence, learning and linguistics	SaB2 Robot legged locomotion No. 9 Meeting Room on 6th floor	SaB3 Compliant mechanisms No. 6 Meeting Room on 3rd	SaB4 Computer integrated manufacturing No. 7 Meeting Room on 3rd	SaB5 Collective and social robots Activity Room on 5th floor (5 楼	SaB6 Human-robot collaboration No. 2 Meeting Room on 3rd floor		

	No. 8 Meeting Room on 5th floor (5 楼第八会议室)	(6 楼第九会议室)	floor (3 楼第六会议室)	floor (3 楼第七会议室)	活动室)	(3 楼第二会议室)
16:30-16:45	Refreshment					
16:45-18:30 Keynotes & Oral presentations	Grouped Sessions (30mins for each keynote+15mins for each oral presentation in every session)					
	SaC1 Development of high-performance joint drive for robots No. 8 Meeting Room on 5th floor (5 楼第八会议室)	SaC2 Mobile robots and intelligent autonomous systems No. 9 Meeting Room on 6th floor (6 楼第九会议室)	SaC3 Continuum mechanisms and robots No. 6 Meeting Room on 3rd floor (3 楼第六会议室)	SaC4 Robot mechanism and design No. 7 Meeting Room on 3rd floor (3 楼第七会议室)	SaC5 Visual and motional learning in robotics Activity Room on 5th floor (5 楼 活动室)	SaC6 Robot vision and scene understanding No. 2 Meeting Room on 3rd floor (3 楼第二会议室)
19:00-	Closing Ceremony/Conference Banquet (Location: Main hall on the 3 rd floor, 3 楼东北会堂)					

11th August

09:00-18:30	Joint ICIRA-CCRS Events (only applicable for those who have jointly registered for CCRS 2019)				
09:00-10:30	Joint Plenary Talk 1: Prof. Yangsheng Xu Joint Plenary Talk 2: Prof. Jie Chen (Location: Main hall on the 3 rd floor, 3 楼东北会堂)				
10:30-11:00	Refreshment				
11:00-12:10	Joint Keynote 1: Dr. Min Tan (Location: Main hall on the 3 rd floor, 3 楼东北会堂)		Joint Keynote 2: Prof. Xilun Ding (Location: Longfeng Hall on 2 nd floor, 2 楼隆奉厅)		
	Joint Keynote 3: Prof. Tiejun Huang (Location: Main hall on the 3 rd floor, 3 楼东北会堂)		Joint Keynote 4: Prof. Xianmin Zhang (Location: Longfeng Hall on 2 nd floor, 2 楼隆奉厅)		
12:10-14:00	Buffet Lunch				
14:00-15:30	Guest Forums: Prof. Han Ding, Prof. Huayong Yang, Dr. Haibin Yu, Prof. Hong Liu, Prof. Xiangyang Zhu (Location: Main hall on the 3 rd floor, 3 楼东北会堂)				
15:30-18:20	Forums on Subjects				
	Nano Robot	Medical Robot	Bionic Robot	Swarm Robot	Industrial Robot

