IEEE-CYBER 2020 Conference Program

Oct 10 (Saturday)			
		Peony Room	
08:00-10:00	Registration	Workshop on Manufacturing Automation（CUSMA2020） Language: Chinese	
10:00-12:00			
12:00-14:00		Lunch (for all Workshop attendees)	
		Lily Room 1-2	Lily Room 4-5
14:00-17:00		Workshop on Manufacturing Automation（CUSMA2020） Language: Chinese	Workshop on Manufacturing Automation（CUSMA2020） Language: Chinese
18:00		Welcome Reception (for all registered attendees)	

Oct 11 (Sunday)

		Peony Room	
08:15-08:30	Registration	Opening Ceremony	
08:30-09:30		Panel Discussion 1: **Industrial internet and 5G** **Haibin Yu** (Host), Shenyang Institute of Automation, Chinese Academy of Sciences **Xuesong Mei**, Xi'an Jiaotong University **Zhiyong Feng**, Beijing University of Posts and Telecommunications **Dan Liu**, Instrumentation Technology and Economy Institute **Jiadong Du**, China Academy of Information and Communication Technology	
09:30-10:30		Plenary Talk 1: **Hong Qiao,** Institute of Automation, Chinese Academy of Sciences, China ***ARIE based intelligent operational framework to achieve high-precision manipulation with low-precision systems***	
10:30-11:00		*Coffee Break*	Poster Session 1 (ID:217, 227, 234, 236, 238, 240, 244, 246, 248, 249, 251, 252, 257, 259, 266)
11:00-11:40		Keynote Talk 1: **George Zhang,** Shenzhen Academy of Robotics, China ***Industrial Robot Control_Evolutional Advancement and Proposed Trend***	
11:40-12:20		Keynote Talk 2: **Ye-Hwa Chen,** Georgia Institute of Technology, USA ***Fuzzy Dynamical Systems (FDS): Origin and Development***	
12:20-13:30		*Lunch* *(for all registered attendees)*	
		Lily Room 1-2	**Lily Room 4-5**
13:30-14:45		Best Paper Session 1 (ID: 278, 272, 270, 237, 231)	Robot Control and Planning (ID:265, 287, 318, 283, 302)
14:45-15:15		*Coffee Break*	
15:15-16:30		Best Paper Session 2 (ID: 323, 317, 297, 295, 294)	Sensing and Recognition (ID:223, 242, 316, 256)
16:30-17:45		Bio-inspired Systems (ID:306, 298, 289, 296, 307)	Mechanism Design and Analysis (ID:268, 254, 308)
18:00		Conference Banquet (for all registered attendees)	

Oct 12 (Monday)			
		Lily Room 1-2	Lily Room 4-5
09:00-10:15		Human-Machine Interaction (ID: 221, 314, 250, 224, 325)	Intelligent Diagnosis and Analysis (ID: 215, 277, 304, 216, 293)
10:15-10:45		Coffee Break	Poster Session 2 (ID: 269, 271, 273, 274, 276, 280, 282, 285, 286, 288, 291, 300, 303, 310, 312, 315, 322, 324)
10:45-12:00		Intelligent Control (ID: 219, 247, 220, 301, 261)	Human Intention Understanding (ID: 255, 262, 267, 245, 264)
12:00-13:30		Lunch (for all registered attendees)	
		Peony Room	
13:30-14:30		Panel Discussion 2: **Opportunities and challenges of risc-v based open architecture robot controllers** **Steve Deng** (Host), Tsinghua University **Pengcheng Zou**, Thunder Soft **Eric Wu**, Xidian University **George Zhang**, Shenzhen Academy of Robotics	
14:30-15:10		Keynote Talk 3: **Aiguo Song,** Southeast University, China ***Human-Robot Interaction Teleoperation Robot with Force Feedback***	
15:10-15:40		Coffee Break	
15:40-16:20		Keynote Talk 4: **Meng Joo Er,** Dalian Maritime University, China **Cognitive Robotics: Recent Developments and Research Challenges**	
16:20-17:20		Plenary Talk 2: **Huosheng Hu,** University of Essex, United Kingdom ***Evolution and Future Trend of AI and Robotic Systems***	
17:30		Farewell Reception (for all registered attendees)	

Oct 13 (Tuesday)	
09:00-16:00	**Technical Tour** (Pre-reservation is required; Free of charge) *Shuttle bus return to hotel at around 18:00*