IEEE-CYBER 2017 Conference Program

July 31 – August 4, 2017
Sheraton Princess Kaiulani, Hawaii, USA

July 31 (Monday)	
	Kahili (Ground Floor)
14:00-17:00	Workshop: Emerging Cyber Technology in Robotics, Automation and Power Systems
18:00-20:00	Welcome Reception

August 1 (Tuesday)		
	Ainahau Showroom, Second Floor	
08:20-08:30	Opening Ceremony	
08:30-09:15	TuP1 - Plenary Talk 1: Tianyou Chai, Northeastern University, China ***Smart Control System for Energy-intensive Equipment***	
09:15-10:00	TuP2 - Plenary Talk 2: Bazmi R. Husain, ABB Group, Switzerland ***Digitalization in Utilities and Industries***	
10:00-10:30	*Coffee Break*	TuP1- Poster Session 1, Ainahau Foyer (224,824,828,838,841,845,849,852,854,857,859, 861,862,867,872,884,905,912,916,932,934,936, 947,963,967,977,987,988,989,1001)
	Ainahau Showroom Second Floor	Ilima Ground Floor	Kahili Ground Floor
10:30-12:00	TuA1-Best Paper Session 1 (830,871,913,922,951, 1139)	TuB1-Robotic Vision (826,971,1053,1105, 1120,1226)	TuC1-Cyber Physical System (919,982,1035,1039, 1157,1199)
12:00-13:30	*Lunch*		
13:30-15:00	TuA2-Best Paper Session 2 (888,928,1019,1050, 1180,1252)	TuB2-System Modelling and Simulation (829,842,874,969, 1046,1166)	TuC2-Industrial Robotics (897,980,1085, 1156,1161,1196)
15:00-15:30	*Coffee Break*	TuP2-Poster Session 2 (896,949,1023,1029,1031,1033,1047,1062,1065, 1092,1096,1101,1104,1108,1127,1132,1150,1159, 1169,1173,1183,1186,1189,1190,11951222, 1240, 1253,1278)
15:30-17:00	TuA3-Power Systems 1 (840,890,893,933, 1242,1259)	TuB3-Multi-Agents and Multi-robot Systems (903,958,966,1007, 1182)	TuC3-Actuation / Calibration (962,1113,1187,1217, 1227,1228)
17:00-18:00		TuB4-Sensing and Actuation (833,1191,899,1249)	

August 2 (Wednesday)		
	Ainahau Showroom, Second Floor	
08:30-09:15	WeP1 - Plenary Talk 3: Han Ding, Huazhong University of Science & Technology, China ***Theory and Technology of Tri-Co Robots***	
09:15-10:00	WeP2 - Plenary Talk 4: Kai Wollenweber, TÜV SÜD Product Service GmbH, Germany ***Industrial IT Security – An essential basis for Industry 4.0***	
10:00-10:30	*Coffee Break*	WeP1- Poster Session 3, Ainahau Foyer (1,219,220,223,827,836,846,848,851,878,880,900, 901,906,909,910,942,946,952,953,955,956,957, 972,975,978,983,1002,1003,1008)
10:30-11:00	Keynote Talk WeK1 - Hesheng Wang, Shanghai Jiao Tong University, China ***Dynamic Visual Servoing in Uncalibrated Environments***	
11:00-12:00	International Forum on Future Research and National Initiatives on Robotics and Automation	
12:00-13:30	*Lunch*	

	Ainahau Showroom Second Floor	Ilima Ground Floor	Kahili Ground Floor
13:30-15:00	WeA1-Manufacturing Automation (1095,1209,1243,1244, 1246,1250)	WeB1-Robot Design and Optimization (889,892,904,1021, 1058,1212)	WeC1-Under-water and Flying Robot (217926,927,976, 1155)
15:00-15:30	*Coffee Break*	WeP2- Poster Session 4, Ainahau Foyer (1011,1012,1013,1024,1025,1026,1030,1032,1037, 1048,1051,1061,1069,1074,1077,1081,1103,1106, 1111,1117,1118,1135,1192,1200,1202,1206,1208, 1224,1238,1271)	
15:30-17:00	WeA2-Cyber Security (935,992,1072,1214, 1216,1255)	WeB2-Human-Robot Interaction 1 (1022,1063,1188,1201, 1211,1251)	WeC2-Advanced Control (911,1052,1066,1136, 1142)
17:00-18:15		WeB3-Biomemetics (102,898,923,1119, 1277)	WeC3-Micro/Nano Robots (920,1045,1083,1090, 1143)
18:30-22:00	Conference Banquet and Awards Presentation		

August 3 (Thursday)		
	Ainahau Showroom, Second Floor	
08:30-09:15	ThP1 - Plenary Talk 5: YuMing Zhang, University of Kentucky, USA ***Human-Robot Collaborative Cyber Physical System Based Learning of Human Welder Intelligences***	
09:15-10:00	TuP2 - Plenary Talk 6: Wen J. Li, City University of Hong Kong, Hong Kong ***Intelligent Sensors for Cyber Physical Human Systems***	
10:00-10:30	*Coffee Break*	ThP1- Poster Session 5, Ainahau Foyer (839,847,860,866,875,876,881,882,895,950,973, 1020,1028,1040,1055,1070,1078,1094,1112,1137, 1154,1207,1219,1232,1237,1248,1266,1267,1268)
	Ainahau Showroom Second Floor	Ilima Ground Floor	Kahili Ground Floor
10:30-12:00	ThA1-Industrial Robotics and Application (993,1099,1122,1124,1130,1245)	ThB1-Localization and Mapping (226,868,908,925,1049,1057)	ThC1-Navigation, Planning & Control (885,1073,1093,1128,1153,1215)
12:00-13:30	*Lunch*		
13:30-15:00	ThA2-Power Systems 2 (1038,1123,1146,1176,1205,1257)	ThB2-Human-Robot Interaction 2 (914,915,968,1089,1134,1145)	ThC2-Medical / Rehabilitation Robots 1 (227,997,1125,1138,1178)
15:00-15:30	*Coffee Break*	ThP2-Poster Session 6 (870,873,965,984,1109,1133,1185,1225,1256,979, 1004,1036,1059,1097,1121,1129,1147,1197,1204)
15:30-17:00	ThA3-Advance Control (225,831,961,1086,1098)	ThB3-Internet of Things (844,931,1075,1152,1158,1258)	ThC3-Medical / Rehabilitation Robots 2 (902,924,981,1114,1140)
17:00-19:00	Farewell Reception		

August 4 (Friday)	
9:30-12:00	Technical Tour at University of Hawaii