



Program at a Glance

Sunday June 1, 2025					
14:00-17:00	Registration				
18:00-20:00	Welcome Reception (Location: Toyama International Conference Center)				
Monday June 2, 2025					
9:10-9:20	Conference Opening Ceremony (Room 1)				
9:20-10:00	Plenary Talk I: Prof. Hong Qiao (Location: Room 1)				
10:00-10:40	Plenary Talk II: Prof. Kensuke Harada (Location: Room 1)				
10:40-11:00	Coffee Break				
11:00-11:30	Keynote I: Prof. Wenying Xu (Location: Room 1)				
11:30-12:00	Keynote II: Assoc. Prof. Xiang Li (Location: Room 1)				
12:00-13:30	Lunch Break				
Room	Room1	Room2	Room3	Room4	Room5
13:30-14:30	Technical Sessions				Workshop
14:30-15:30					
15:30-15:50	Coffee Break				
15:50-16:50	Technical Sessions				Workshop
16:50-17:50	Technical Sessions & Industrial Forum				
18:30-20:30	Banquet (Location: ANA Crowne Plaza Toyama)				

Tuesday June 3, 2025					
9:20-10:00	Plenary Talk III: Prof. Yun-Hui Liu (Location: Room 1)				
10:00-10:40	Plenary Talk IV: Prof. Shinichi Hirai (Location: Room 1)				
10:40-11:00	Coffee Break				
11:00-11:30	Keynote III: Prof. Yue Wang (Location: Room 1)				
11:30-12:00	Keynote IV: Asst. Prof. Haoang Li (Location: Room 1)				
12:00-13:30	Lunch Break				
Room	Room1	Room2	Room3	Room4	Room5
13:30-14:30	Technical Sessions				Tutorial
14:30-15:30					
15:30-15:50	Coffee Break				
15:50-16:50	Technical Sessions				Tutorial
16:50-17:50					
18:30-20:30	Farewell Party (location: SOGAWA BASE)				
Wednesday June 4, 2025					
9:00-10:00	Technical Sessions				
10:00-11:00					
11:00-12:00					
12:00-13:30	Lunch Break				
13:30-14:30	Cultural Tour				
14:30-15:30					
15:30-16:30					
Thursday June 5, 2025					
AM	Moving to Hotel Tateyama				
PM	Tateyama Kurobe Summit				
Friday June 6, 2025					
AM	Tateyama Kurobe Summit				

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Monday June 2, 2025					Tuesday June 3, 2025				
Room	Room 1	Room 2	Room 3	Room 4	Room	Room 1	Room 2	Room 3	Room 4
13:30-14:30	MonA1: Best Conference Paper	MonA2: Computer Vision and Perception	MonA3: Medical Robots	MonA4: Optimized Compact AI and Intelligent Control Systems	13:30-14:30	TuA1: Bio-Inspired Robots and Smart Perception	TuA2: Robotic Arm Technology	TuA3: Healthcare and Medical Robotics	TuA4: Localization and Mapping
Session Chair	Xiang Li Longchuan Li	Nak-Young Chong Xing Gao	Tao Jin Xiangpeng Li	Chengyan Zhao Xiaojian Li	Session Chair	Zeyang Xia Yong Zhong	Diansheng Chen Guoli Song	Yiqing Huang Bo Lu	Haoang Li Huaping Wang
Paper ID	62 100 113 204 265	11 30 86 277 278	99 237 244 247 270	40 57 102 110 268 262	Paper ID	39 41 48 200 250	152 201 208 232 256 21	45 81 137 142 187	68 93 205 219 229
14:30-15:30	MonB1: Best Student Award	MonB2: Surgical Robot Navigation and Interaction	MonB3: Applications of Intelligent Robots	MonB4: Key Technologies of Intelligent Robots	14:30-15:30	TuB1: Wearable and Biomimetic Robots	TuB2: Multi-robot and Human-robot Systems	TuB3: Computer Vision	TuB4: Machine Motion and Control
Session Chair	Xiang Li Longchuan Li	Hannibal Paul Hangjie Mo	Qiquan Quan Yongming Yang	Yanding Qin Habib Ullah Khan	Session Chair	Wenying Xu Miguel Angel Ezquerro	Guoli Song Zhongkui Wang	Ning Sun Zhe Liu	Yue Wang Zhongli Wang
Paper ID	35 193 207 236 266	217 222 233 279	34 94 129 153 161 176	13 178 179 195 213 259	Paper ID	59 64 168 173 242	26 49 111 132 135 230	61 149 181 98 203 226	50 66 128 138 141 182
15:30-15:50	Coffee Break				15:30-15:50	Coffee Break			
15:50-16:50	MonC1: Best Paper in Control	MonC2: Grasping System and Control	MonC3: Advanced Technologies in Medical Robotics	MonC4: Planning and Navigation	15:50-16:50	TuC1: Robotic Control I	TuC2: Mechanical Structure Design I	TuC3: Machine Learning	
Session Chair	Xiang Li Yuquan Leng	Hui Yang Zhongkui Wang	Lin Wang Wenzheng Chi	Jiankun Wang Shumei Yu	Session Chair	Xiangbo Kong Lijun Han	Atsushi Kakogawa Dake Tian	Dikai Liu Tee Connie	
Paper ID	12 58 162 169 184	20 60 95 101 180	240 260 24 52 53 239	23 36 157 183 283	Paper ID	190 269 188 103	112 140 164 191 192	29 109 144 145 271	
16:50-17:50	MonD1: Best Paper in Robotics	Industrial Forum			16:50-17:50	TuD1: Robotic Control II	TuD2: Mechanical Structure Design II		
Session Chair	Xiang Li Yuquan Leng	Fair Innovation Robot System			Session Chair	Haoang Li Takahiro Matsuno	Qiquan Quan Hao Yang		
Paper ID	2 6 32 130 174				Paper ID	82 172 139 150	54 55 89 215		
Wednesday June 4, 2025									
Room		Online Meeting Room 1			Online Meeting Room 2			Online Meeting Room 3	
9:00-10:00		WeA1: Advanced Robotic Technology			WeA2: Bio, Miniaturized, and Soft Robotics			WeA3: Robot Sensing and Control	
Session Chair		Fan Xu Dafang Yu			Zonglai Mo Bo Cao			Zhiqiang Miao Jingxuan Shi	
Paper ID		1 3 4 5 8 28			10 261 272 251 252 281			122 212 223 241 246 245	
10:00-11:00		WeB1: Robotic Systems Design and Control I			WeB2: Multi-agent Systems			WeB3: Medical Robots I	
Session Chair		Ning Tan Dafang Yu			Sheng Xu Bo Cao			Zhenglong Sun Jingxuan Shi	
Paper ID		284 285 166 167 189 38			14 43 146 165 196 199			46 47 125 264 249 228	
11:00-12:00		WeC1: Localization and Mapping I			WeC2: Learning I			WeC3: Robotic Systems Design and Control II	
Session Chair		Yanzi Miao Dafang Yu			Dianxiu Xia Bo Cao			Zhongkui Wang Jingxuan Shi	
Paper ID		154 155 214 231 234 235			198 209 211 220 227 282			7 70 197 224 243 151	
12:00-13:30		Lunch Break							
13:30-14:30		WeD1: Perception			WeD2: Localization and Mapping II			WeD3: Safety in Robots	
Session Chair		Luong Anh Tuan Xuanyu Li			Lu Zhou Xingyao Han			Kwok Tai Chui Xiaojing Ma	
Paper ID		44 97 170 171 175 202			15 105 121 123 177 225			33 51 84 158 185	
14:30-15:30		WeE1: Learning II			WeE2: Robotic Systems Design and Control III			WeE3: Medical Robots II	
Session Chair		Zhe Liu Xuanyu Li			Xu Zhao Xingyao Han			Yuan Wang Xiaojing Ma	
Paper ID		25 133 160 267 276			9 106 206 218 300 210			87 216 248 253 257 258	
15:30-16:30		WeF1: Leaning III			WeF2: Planning and Navigation				
Session Chair		Baozhen Nie Xuanyu Li			Junyou Chen Xingyao Han				
Paper ID		56 65 88 124 96 163			16 17 31 69 275 90				