

IEEE RO-MAN 2023 Program at a Glance

August 28–31, 2023 / Paradise Hotel, Busan, Korea

Aug 28 (Mon)												
Time	Track T1 (Sicily, 1F)	Track T2 (Grand Ballroom, 2F)	Track T3 (Capri, 2F)	Track T4 (Sydney, 2F)	Track T5 (Miami, 2F)	Track T6 (Venice, 2F)	Track T7 (Panorama, 16F)	Lobby (2F)	Lobby (2F)	Optional Tour		
09:00–12:00 (180')	[MoAT1] Ontologies for Autonomous Robotics (RobOntics)		[MoAT3] Human-like Computing for Safe Collaborative Robots in Manufacturing and Healthcare	[MoAT4] HRI for Explainable Robotics	[MoAT5] The 1st Workshop on Learning by Asking for Intelligent Robots and Agents	[MoAT6] Speech-based Communication for Robots and Systems				OP 1 Day Tour (09:00–18:00)		
12:00–13:30 (90')	Lunch											
13:30–16:30 (180')	[MoBT1] Ontologies for Autonomous Robotics (RobOntics)		[MoBT3] Human-like Computing for Safe Collaborative Robots in Manufacturing and Healthcare	[MoBT4] Surgical Robots, Robot Vision, and 4D Human Models for Healthcare	[MoBT5] Second Edition of Workshop in Care Robots for Older Adults (CROA)	[MoBT6] GROUND: Advancing GROUp Understanding and Robots' Adaptive Behavior	[MoBT7] HRI4Wellbeing: Applications in the Real World					
17:30–21:30 (240')		Welcome Reception (with Cruise)										
Aug 29 (Tue)												
Time	Track T1 (Sicily, 1F)	Track T2 (Grand Ballroom, 2F)	Track T3 (Capri, 2F)	Track T4 (Sydney, 2F)	Track T5 (Miami, 2F)	Track T6 (Venice, 2F)	Track T7 (Panorama, 16F)	Lobby (2F)	Lobby (2F)	Optional Tour		
09:00–09:10 (10')		Opening Ceremony						Robot Design Competition	Exhibition			
09:10–10:10 (60')		Keynote Speech by Alessandra Sciutti										
10:10–10:20 (10')	Coffee Break											
10:20–11:20 (60')	[TuAT1] HRI in Academia and Industry: Bridging the Gap I		[TuAT3] Creating Human-Robot Relationships	[TuAT4] Non-Verbal Cues and Expressiveness I	[TuAT5] Innovative Robot Designs I	[TuAT6] Novel Interfaces and Interaction Modalities I						
11:20–11:30 (10')	Coffee Break											
11:30–12:40 (70')	[TuBT1] HRI in Academia and Industry: Bridging the Gap II		[TuBT3] Assistive Robotics I	[TuBT4] Non-Verbal Cues and Expressiveness II	[TuBT5] Innovative Robot Designs II	[TuBT6] Novel Interfaces and Interaction Modalities II						
12:40–14:00 (80')	Lunch											
14:00–14:40 (40')	[TuCT1] Humanoid Robots in Healthcare: Exploring Real World Applications		[TuCT3] Assistive Robotics II	[TuCT4] Applications of Social Robots I	[TuCT5] Motion Planning and Navigation in Human-Centered Environments I	[TuCT6] Novel Interfaces and Interaction Modalities III						
14:40–15:20 (40')	[TuDT1] SARCHA: Socially-Assistive Robots in Clinical and Healthcare Applications		[TuDT3] Assistive Robotics III	[TuDT4] Applications of Social Robots II	[TuDT5] Motion Planning and Navigation in Human-Centered Environments II	[TuDT6] Novel Interfaces and Interaction Modalities IV						
15:20–15:30 (10')	Coffee Break											
15:30–16:30 (60')		[TuPO] Poster Session (LBR)										
16:30–16:40 (10')	Coffee Break											
16:40–18:10 (90')	[TuET1] Social Human-Robot Interaction of Human-care Service Robots		[TuET3] Mental Models of the Human User in Social HRI	[TuET4] Applications of Social Robots III	[TuET5] Motion Planning and Navigation in Human-Centered Environments III	[TuET6] Robot Perception for Interaction and Communication					OP 2 Night Tour (17:00–21:00)	
Aug 30 (Wed)												
Time	Track T1 (Sicily, 1F)	Track T2 (Grand Ballroom, 2F)	Track T3 (Capri, 2F)	Track T4 (Sydney, 2F)	Track T5 (Miami, 2F)	Track T6 (Venice, 2F)	Track T7 (Panorama, 16F)			Lobby (2F)	Lobby (2F)	Optional Tour
09:00–10:00 (60')		Keynote Speech by Sangok Seok								Robot Design Competition	Exhibition	
10:00–10:20 (20')	Coffee Break											
10:20–11:20 (60')	[WeAT1] Human-mediated Robot Autonomy	Robot Design Competition 10:20–12:10 Individual Presentation	[WeAT3] Child-Robot Interaction I	[WeAT4] Human Factors and Ergonomics I	[WeAT5] Social Intelligence for Robots I	[WeAT6] Virtual Reality & Telepresence I						
11:20–11:30 (10')	Coffee Break											
11:30–12:50 (80')	[WeBT1] To Err is Robotic: Understanding, Preventing, and Resolving Robots' Failures in HRI		[WeBT3] Child-Robot Interaction II	[WeBT4] Human Factors and Ergonomics II	[WeBT5] Artificial Intelligence in HRI I	[WeBT6] Virtual Reality & Telepresence II		12:10–12:50 Interactive Poster Session				
12:50–14:00 (70')	Lunch											
14:00–15:20 (80')	[WeCT1] Human-Agent/Robot Interaction in Healthcare and Medicine			[WeCT4] Motivations and Emotions in Robotics	[WeCT5] Artificial Intelligence in HRI II	[WeCT6] Linguistic Communication and Dialogue	[WeCT7] Human-Robot Cooperation and Collaboration Environments					
15:20–15:30 (10')	Coffee Break											
15:30–16:30 (60')	[WeDT1] Short- and Long-Term Personalisation in Social HRI			[WeDT4] Haptic Interaction Design	[WeDT5] Longitudinal HRI Studies and Social Navigation	[WeDT6] Nonverbal Communication Skills in Humans and Robots	[WeDT7] Sound Design for Robots					
16:30–16:40 (10')	Coffee Break											
16:40–18:00 (80')	[WeET1] Designing Trustworthy Human Agent Interaction in Dynamic Context			[WeET4] HRI and Collaboration in Manufacturing Environments	[WeET5] Social Human-Robot Interaction of Human-Care Service Robots (Regular Paper)	[WeET6] Hand-Object Interaction: From Human Demonstrations to Robot Manipulation	[WeET7] User-Centered Design of Robots					
18:30–20:30 (120')		Banquet (Main Hall) Up to 300 people	Banquet (Live Streaming) If More than 300 people						OP 3 Lab Tour (13:00–16:00)			
Aug 31 (Thur)												
Time	Track T1 (Sicily, 1F)	Track T2 (Grand Ballroom, 2F)	Track T3 (Capri, 2F)	Track T4 (Sydney, 2F)	Track T5 (Miami, 2F)	Track T6 (Venice, 2F)	Track T7 (Panorama, 16F)	Lobby (2F)	Lobby (2F)			Optional Tour
09:00–10:00 (60')		Keynote Speech by Tomohiro Shibata						Robot Design Competition	Exhibition			
10:00–10:30 (30')	Coffee Break											
10:30–11:50 (80')	[ThAT1] Cognition & Assistive Robots	[ThAT2] Ethical Issues in Human-Robot Interaction Research	[ThAT3] Robot Companions and Social Robots	[ThAT4] Robots in Education, Therapy and Rehabilitation	[ThAT5] Social Intelligence for Robots II	[ThAT6] Visual and Haptic Cues for Physical Human-Robot Interaction and Co-Manipulation					OP 4 Cooking Class (10:00–13:30)	
11:50–12:10 (20')	Closing Ceremony (Award)											
12:10–13:10 (60')	Lunch											
13:10–16:00 (170')	[ThWT1] Trust, Acceptance and Social Cues in Human-Robot Interaction - SCRITA	[ThWT2] 7th Workshop on Behavior Adaptation, Interaction and Learning for Assistive Robotics (BAILAR)	[ThWT3] Robots for Learning (R4L): AI to power Robots	[ThWT4] Researching Diversity and Inclusion in Human-Robot Interaction: Methodological, Technical and Ethical Considerations (divHRI)	[ThWT5] Multidisciplinary Perspectives on Context-aware Embodied Spoken Interactions (MP-COSIN)	[ThWT6] WARN: Weighting the benefits of Autonomous Robot Personalization						
16:30–21:40 (310')	Farewell (P-ark)											

Technical Programs		
Type	No. of Session	Time including Q&A
Keynote	3	60 min./talk
Oral (Regular)	44	10 min./paper
Oral (Special)	12	10 min./paper
Poster (LBR)	1	60 min./session
Workshop/Tutorial	18	-
Competition	5	-
Others		
Exhibition	Social Event	Optional Tour