ICSR+AI 2025

International Conference on Social Robotics + AI

September 10-12 | Naples, Italy

International Conference on Social Robotics
Naples, Italy

September 10-12, 2025

https://icsr2025.eu

"Emotivation" at the Core:
Empowering Social Robots to Inspire and Connect

Welcome to ICSR 2025 in Naples!

Dear Colleagues and Friends,

Welcome to the 17th International Conference on Social Robotics + AI (ICSR+AI) 2025, taking place in the vibrant and historic city of Naples, Italy.

ICSR is prestigious event that brings together leading experts, researchers, and professionals from around the world to discuss the latest advancements in “Social Robotics and Artificial Intelligence”.

The conference theme, "Emotivation at the Core: Empowering Social Robots to Inspire and Connect," highlights the essential role of “Emotivation” in social robotics. Emotivation captures the synergy between emotion and motivation, where emotions trigger and sustain motivation during interactions. In social robotics, this concept is key to building trust, fostering empathy, and supporting decision-making by enabling robots to respond sensitively to human emotions, inspiring engagement and action.

For this year’s edition, we are excited to introduce several new elements designed to enhance your experience and enrich the discussions. We are confident these additions will provide fresh perspectives and offer new opportunities for interaction and collaboration.

The program will also feature a variety of sessions, including keynote speeches from world-renowned experts, technical presentations, workshops, and panel discussions, covering a broad spectrum of topics in robotics and AI.

Set in the enchanting city of Naples, known for its rich cultural heritage, exquisite cuisine, and vibrant atmosphere, the conference offers the perfect backdrop for professional growth and networking.

A dedicated exhibition area will showcase the latest advancements in social

robotics and AI, while a variety of social activities will provide ample opportunities to exchange ideas, build connections, and enjoy the unique charm of Naples.

We are excited to welcome you to this inspiring event at the forefront of Social Robotics and AI.

We extend our deepest gratitude to all presenters, keynote speakers, sponsors, partners, exhibitors, and attendees for their invaluable contributions to making this conference a reality. Your dedication to the pursuit of knowledge and commitment to excellence are the driving forces behind the success of ICSR 2023.

Thank you for being part of this exciting journey. Let's begin the rich discussions, sharing of groundbreaking research, and forging connections that go beyond the conference!

Mariacarla Staffa and John-John Cabibihan
General Chairs

Contents

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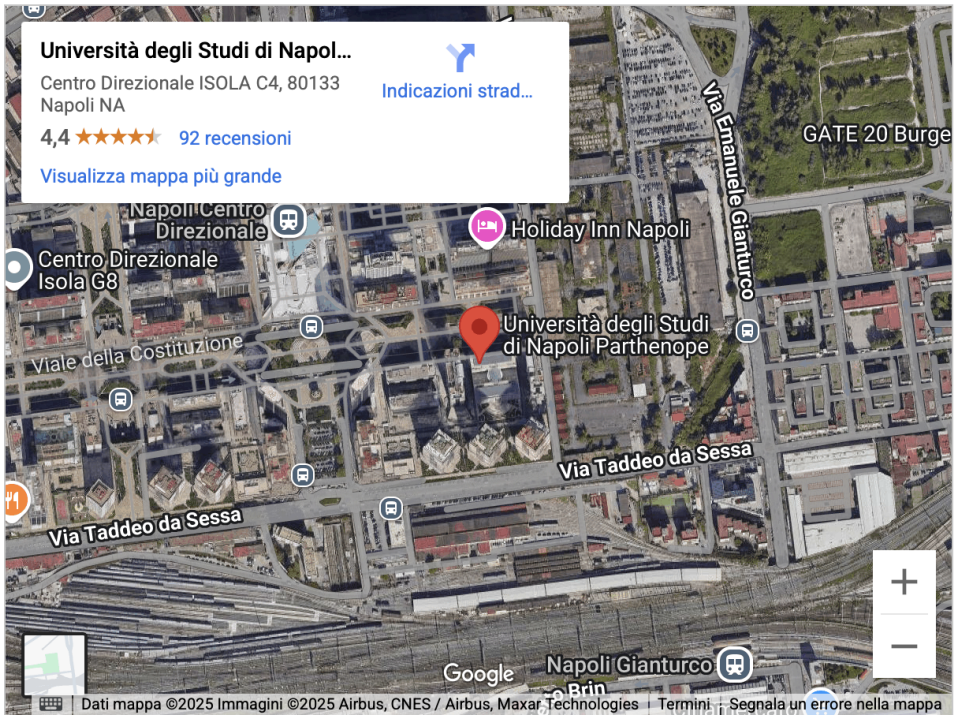
Conference Information

Important Information ICSR 2025 Naples Italy

Time: September 10-12, 2025
Registration: On site or online (https://icsr2025.eu/registration/)
Conference Website: https://icsr2025.eu
Contacting the Organizing Committee: tpc@icsr2025.eu

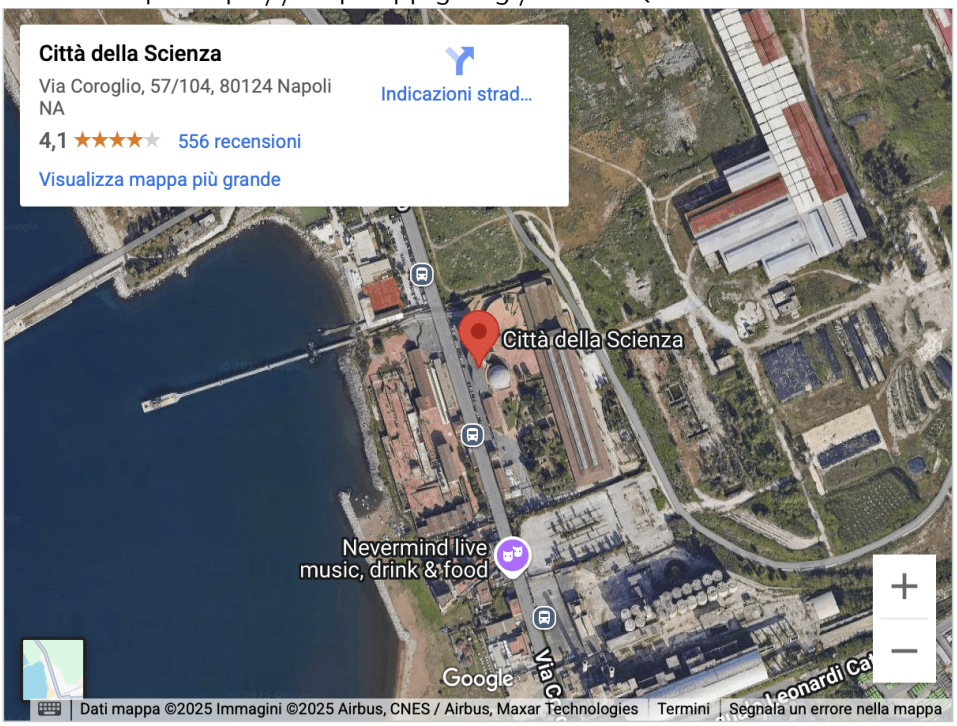
Venue 1: Parthenope University (September 10-11, 2025)

Address: Centro Direzionale, Isola C4, 80143, Naples (Italy)
Map: https://maps.app.goo.gl/rjtaHaWxiHCboWDA6



Venue 2: City of Science Congress Center (September 12, 2025)

Address:Via Coroglio 57/104, Naples, Italy (Sala Newton)
Map: https://maps.app.goo.gl/n2K9XQM2w6NihYRs7



Program at a Glance

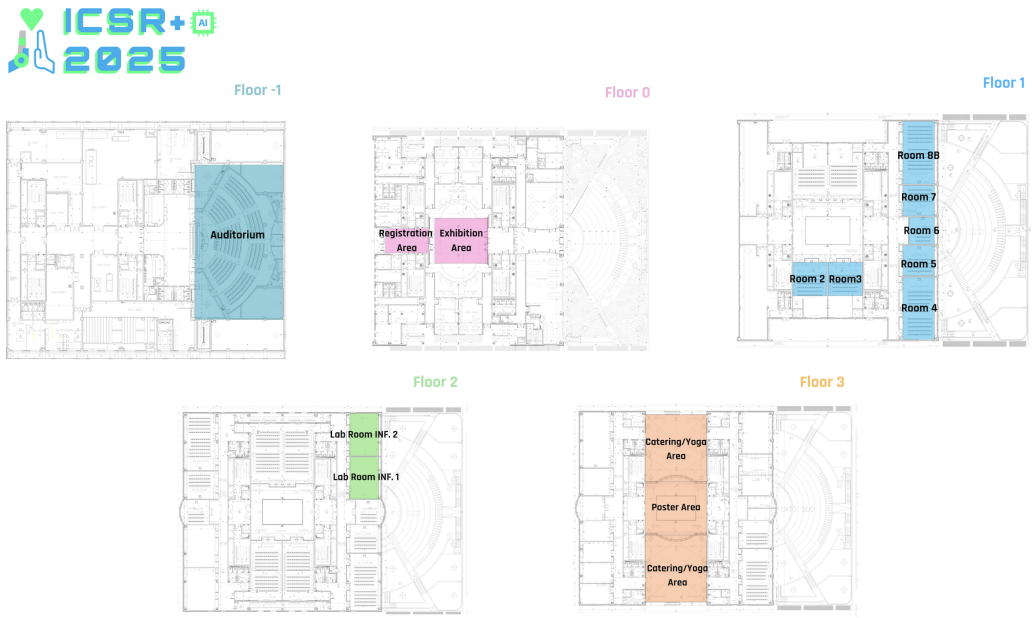
Time	September 10
08:00–08:30	Registration (Registration Area - Floor 0)
08:30–09:00	Connect with your self and others (Yoga Area - Floor 3)
09:00–09:15	Opening (Auditorium - Floor -1)
09:15–10:00	Keynote: Daniela Rus (Auditorium - Floor -1)
10:00–10:30	Coffee Break (Catering Area - Floor 3) Exhibitors Tour (Exhibition Area - Floor 0) Poster Session 1 (Poster Area - Floor 3) PhD Corner (Exhibition Area - Floor 0)
10:30–11:30	Regular Session 1.1 (Auditorium - Floor -1) Workshops (rooms: 2–8b - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
11:30–12:30	Regular Session 1.2 (Auditorium - Floor -1) Workshops (rooms: 2–8b - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
12:30–13:30	Lunch Break (Catering Area - Floor 3) Exhibitors Tour (Exhibition Area - Floor 0) Poster Session 1 (Poster Area - Floor 3) PhD Corner (Exhibition Area - Floor 0)
13:30–14:30	Regular Session 1.3 (Auditorium - Floor -1) Workshops (rooms: 2–8b - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
14:30–15:30	Regular Session 1.4 (Auditorium - Floor -1) Workshops (rooms: 2–8b - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
15:30–16:00	Coffee Break (Catering Area - Floor 3) Exhibitors Tour (Exhibition Area - Floor 0) Poster Session 1 (Poster Area - Floor 3) PhD Corner (Exhibition Area - Floor 0)
16:00–17:00	Regular Session 1.5 (Auditorium - Floor -1) Workshops (rooms: 2–8b - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
17:00–18:00	Regular Session 1.6 (Auditorium - Floor -1) Workshops (rooms: 2–8b - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
19:00–20:00	Welcome Party (Circolo Canottieri)

Time	September 11
08:00–08:30	Registration (Registration Area - Floor 0)
08:30–09:00	Reset your Mind (Yoga Area - Floor 3)
09:00–09:15	Welcome (Auditorium - Floor -1)
09:15–10:00	Regular Session 2.1 (Auditorium - Floor -1) SS02 – Special Session 2 (room: 2 - Floor 1) SS05 – Special Session 5 (room: 3 - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
10:00–10:30	Coffee Break (Catering Area - Floor 3) Exhibitors Tour (Exhibition Area - Floor 0) Poster Session 2 (Poster Area - Floor 3) PhD Corner (Exhibition Area - Floor 0)
10:30–11:30	Regular Session 2.2 (Auditorium - Floor -1) SS02 – Special Session 2 (room: 2 - Floor 1) SS05 – Special Session 5 (room: 3 - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
11:30–12:30	Regular Session 2.3 (Auditorium - Floor -1) SS02 – Special Session 2 (room: 2 - Floor 1) SS05 – Special Session 5 (room: 3 - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
12:30–13:30	Lunch Break (Catering Area - Floor 3) Exhibitors Tour (Exhibition Area - Floor 0) Poster Session 2 (Poster Area - Floor 3) PhD Corner (Exhibition Area - Floor 0)
13:30–14:30	Regular Session 2.4 (Auditorium - Floor -1) SS01 – Special Session 1 (room: 2 - Floor 1) SS03 – Special Session 3 (room: 3 - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
14:30–15:30	Regular Session 2.5 (Auditorium - Floor -1) SS01 – Special Session 1 (room: 2 - Floor 1) SS03 – Special Session 3 (room: 3 - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
15:30–16:00	Coffee Break (Catering Area - Floor 3) Exhibitors Tour (Exhibition Area - Floor 0) Poster Session 2 (poster Area - Floor 3) PhD Corner (Exhibition Area - Floor 0) Competition Demo (Exhibition Area - Floor 0)
16:00–17:00	Regular Session 2.6 (Auditorium - Floor -1) SS04 – Special Session 4 (room: 2 - Floor 1) Competitions (Lab1&Lab2 - Floor 2)
17:00–18:00	Regular Session 2.7 (Auditorium - Floor -1) Remote Regular Session (room: 3 - Floor 1) Competitions Closing Remarks (Lab1 - Floor 2)
19:00–20:00	Social Event: Visit to the Historic Center
20:00–21:00	Gala Dinner (San Lorenzo Maggiore) with "I was There Last Year Award"

Time	September 12
08:00–08:30	Registration (Registration Area)
08:30–09:00	Take a Breath and be grateful (Yoga Area)
09:00–09:15	Opening (Newton Hall)
09:15–10:00	Keynote: Jerome Monceaux (Newton Hall)
10:00–10:30	Coffee Break (Gallery)
10:30–11:30	Design Competition (Newton Hall)
11:30–12:30	Regular Session 3.1 (Newton Hall)
12:30–13:30	Lunch Break (Gallery)
13:30–14:30	Keynote: Anouk Wipprecht (Newton Hall)
14:30–15:30	Rising Woman Stars in Social Robotics (Newton Hall)
15:30–16:00	Coffee Break (Gallery)
16:00–17:00	Regular Session 3.2 (Newton Hall)
17:00–18:00	Robotics in Action Session: Sponsors Tech Talks (Newton Hall)
18:00–19:00	Award Ceremony and Closing (Newton Hall)
20:00–23:00	Closing Party (Terrazza Flegrea)

Rooms Location

Centro Direzionale Spaces Overview



Città della Scienza Spaces Overview (Newton Hall)

Keynotes

Professor Daniela Rus

Andrew (1956) and Erna Viterbi Professor of Electrical Engineering and Computer Science
Director of the Computer Science and Artificial Intelligence Laboratory (CSAIL) at MIT

Title: Physical AI
When: September 10, 9:15-10:00 AM
Where: Parthenope University, Centro Direzionale, Isola C4, Naples (Auditorium)

Daniela Rus is the Andrew (1956) and Erna Viterbi Professor of Electrical Engineering and Computer Science and Director of the Computer Science and Artificial Intelligence Laboratory (CSAIL) at MIT. Rus's research interests are in robotics, mobile computing, and data science. Rus is a Class of 2002 MacArthur Fellow, a fellow of ACM, AAAI and IEEE, and a member of the National Academy of Engineering, and the American Academy for Arts and Science. She earned her PhD in Computer Science from Cornell University.

Jérôme Monceaux

Co-founder of Aldebaran Robotics
Leads a team of 120 at Enchanted Tools
Sought-after speaker on technology, AI, and robotics

Title: Emotivation by Design: The Mirokaï
When: September 12, 9:15-10:00 AM
Where: Città della Scienza Congress Center, Via Coroglio 104, Naples (Newton Hall)

Jérôme Monceaux, a seasoned industrial captain, has left an indelible mark in the world of AI and Robotics. Co-founder of Aldebaran Robotics, he birthed revolutionary robots Pepper and Nao. Jérôme is an advocate for the seamless integration of technology into our lives. Due to his dedication to practical real-world impact, he was able to successfully commercialize his robots worldwide. One of Jérôme's true passions lies in sharing knowledge: he regularly gives engaging talks and lectures in schools and universities across Europe, inspiring countless young minds. Focused on creating empathetic human-machine interactions, he founded SPooN, the project through which he introduced interactive characters in various applications (retail, cars, and more). With Enchanted Tools, Jérôme fuses 3D animation, AI, and robotics to facilitate the lives of professionals and enchant the users' everyday experience. With a quite-of-a-ride career spanning across sectors, Jérôme remains an influential force, with a strong commitment to the collective and a lifelong dream to shape the future of technology where humans and robots coexist harmoniously. With extensive prior speaking experience, Jérôme Monceaux is a regular speaker on new technologies, AI, and robotic design. He passionately engages with schools and universities, sharing his expertise and inspiration. He was a speaker on various TEDx and stages (VivaTech 2023, SXSW, Humanoids Summit,...). More about Enchanted Tools : https://enchanted.tools

Anouk Wipprecht

Fashion Tech designer and Innovator

Title: The Intersection of Fashion, Robotics and Technology
When: September 12, 13:30-14:30 PM
Where: Città della Scienza Congress Center, Via Coroglio 104, Naples (Newton Hall)

Anouk Wipprecht is a pioneering Dutch fashion designer and innovator at the forefront of the FashionTech movement, blending fashion design with engineering, science, and user experience. Known for her groundbreaking approach to wearable technology, Wipprecht creates "technological couture" that integrates sensors and artificial intelligence into clothing, allowing garments to interact with their environment and the wearer. Her designs, such as the Intel-Edison-powered Spider Dress, feature body-responsive systems that monitor stress levels and create dynamic, reactive experiences—transforming fashion from a passive aesthetic into an active, personalized interaction. Collaborating with leading tech companies like Intel, Autodesk, Google, Microsoft, and Audi, Wipprecht pushes the boundaries of how we interface with the world through fashion. Her work explores new ways to merge technology with clothing, envisioning a future where our wardrobes are not just worn, but experienced.

Presentation Schedule

Wednesday Session: September 10th

Venue 1: Parthenope University, Centro Direzionale, Isola C4, Napoli, Auditorium

8:00-8:30	**Registration**
8:30-9:00	**Connect with your self and others**
9:00-9:15	**Opening** *(Chair: Mariacarla Staffa)*
9:15-10:00	**Keynote: Physical AI, by Daniela Rus** *(Chair: Bruno Siciliano)*
10:00-10:30	**Coffee Break - Exhibitors Tour - Poster Session 1 - PhD Corner**
10:30-11:30	**Regular Session - Workshops - Competitions**

Regular Session 1.1 Emotion & Affective Interaction
(Chair: Silvia Rossi)

Emotionally Adaptive Conversational Models for Long-Term Human-Robot Interaction Using Proximal Policy Optimization.
Jair, P., Park, C.

Individual Differences in Social and Emotional Responses to Robotic Dining Companions: Toward Personalized Interaction Design.
Fong, H., Soufargi, S., Li, Y., Mancini, M., Niewiadomski, R.

Affective Communication via Haptic Technology: A Usability Study of a Huggable Device for Older Adults.
Nunez, E., Radosz-Knawa, Z., Kołbasa, A., Zguda, P., Kamińska, A., Kukier, T., Hirokawa, M., Suzuki, K., Indurkhya, B.

Multimodal Framework for Adaptive HRI via Dynamic Engagement and Affective Feedback.
Girijadevi Radhakrishnan, G.

User Concerns Regarding Social Robots for Mood Regulation: A Case Study on the "Sunday Blues".
Peng, Z., Xu, J., Hu, J., Xue, H., Kolks, L., Desmet, P.

11:30-12:30 **Regular Session - Workshops - Competitions**

Regular Session 1.2 – Applications in Real-World Case Studies
(Chairs: Deepti Mishra, Ho Seok Ahn)

Social Robot Assistive Intervention for Science Students to Prevent Laboratory Accidents.
Hasnine, M., Wang, Y., Sato, Y., Indurkhya, B., Ahmed, M.

Remote vs. Presence Laboratories in Human-Robot Interaction with Social Robots: A Study on Task Performance.
Peters, C., Blum, K., Al Krad, I., Moraes, P., Bedin Grando, R., Gerndt, R., Doernbach, T.

Do Social Robots Motivate Students Like Humans?.
Pande, A., Gosala, B., Gupta, M., Mishra, D.

More Than a Tool: A Multi-Method Exploration of Contextual Social Robot in German Secondary Schools.
Jansen, N., Kubullek, A., Dogangün, A.

Children's Questions to Robots as an Educational Opportunity – Design Implications.
Wróbel, A., Zguda, P., Indurkhya, B.

12:30-13:30 **Lunch Break - Exhibitors Tour - Poster Session 1 - PhD Corner**

13:30-14:30 **Regular Session - Workshops - Competitions**

Regular Session 1.3 – LLMs & Conversational / Verbal Interaction
(Chairs: Eshtiak Ahmed, Laura Fiorini)

AwaR(e)obot: Towards Designing and Generating Context-Aware Companion Robot Behavior Using LLMs.
Ahmed, E., Hamari, J., Buruk, O.

Message for You: Observing the Effects of a Social Robot's Interruptions during an Office Task.
Ganal, E., Steinhaeusser, S., Niebling, F., Lugrin, B.

"Who Ignores You Matters" – Asymmetrical Team Dynamics in Human–Robot Collaboration.
Arlinghaus, C., Mambilla, K., Maier, G.

Exploring LLM-generated Culture-specific Affective Human-Robot Tactile Interaction.
Ren, Q., Belpaeme, T.

Knowledge-based design requirements for persuasive generative social robots in eldercare.
Vonschallen, S., Zumthor, E., Simon, M., Schmiedel, T., Eyssel, F.

14:30-15:30 **Regular Session - Motion Control, Prosthetics & Functional Robotics**

Regular Session 1.4 – Motion Control, Prosthetics & Functional Robotics
(Chairs: Fanny Ficuciello, Leon Bodenhagen)

A Learning Based Model Reference Adaptive Controller Implemented on a Prosthetic Hand Wrist.
Sulaiman, S., Gohari, M., Schetter, F., Ficuciello, F.

Design and Optimization of a Sliding Mode Controller for a Modified EduExo Upper Limb Exoskeleton.
Heidari, H., Gohari, M., Ficuciello, F.

Human–Robot Co-Design for Cleaning: Leveraging Vision Language Model and Multi-Objective Optimization for Adaptive Layouts.
Samarakoon, S., Muthugala, M., Sachinthana, W., Elara, M.

Efficient Path Planner via Predator Dominance and Prey Approach for a Vector Surveillance Robot.
Veerajagadheswar, P., Yaw Sang, A., Elara, M., Vu Le, A.

It's the Way You Move: Efficient Movement Shapes Robot Perception Across Embodiments.
Nikolovska, K., Pohl, J., Hommel, B., Kappas, A., Maurelli, F.

15:30-16:00 **Coffee Break - Exhibitors Tour - Poster Session 1 - PhD Corner**

16:00-17:00 **Regular Session - Context Awareness & Explainability**

Regular Session 1.5 – Context Awareness & Explainability
(Chairs: Riccardo De Benedictis, Thomas Sievers)

Context is Cue-cial.
Chowdhury, A., Carrasco, A., Müller, F., Ahtinen, A., Väänänen, K., Schmidt, A., Leusmann, J.

I Can See All of You: Supporting User Awareness with Augmented Field-of-View for Remote Collaborative Work.
Suzuki, R., Takao, M., Shino, K., Kobayashi, Y., Iwata, K., Satoh, T., Satoh, Y., Uchida, N., Yamazaki, A., Yamazaki, K., Bergmann, F., Pitsch, K.

A Bayesian Neural Networks Approach for Spatial Relations Learning in Human-Robot Collaboration.
McCarthy, M., Dao, M., Yan, F.

Social Robot Haru Imitating Human Gaze for Attention and Turn-taking Coordination in Multi-party Conversation.
Tian, L., Chen, Y., Hu, M., Nichols, E., Gomez, R., Li, G.

Modeling Social Robot Navigation: From Human Observation to Proxemics-Based Scenario Simulation.
Burdman, R., Nahum, E., Edan, Y., Oron-Gilad, T.

17:00-18:00 Regular Session - Ethics, Trust & Social Acceptability

Regular Session 1.6 – Ethics, Trust & Social Acceptability
(Chairs: Edmund Hunt, Lorenzo D'Errico)

Determinants of Attitudes Toward Social Robots – The Role of Contact, Ethical Concerns, and Beliefs in Human Uniqueness.
Maj, K., Bekier, P., Łukasik, A.

Exploring Mentalising Tendencies Toward a Non-Humanoid Robot in Individuals with Autism Spectrum Disorder: A Pilot Study.
Larghi, S., Caldiroli, C., Lapomarda, L., Datteri, E.

Gender and Technology Knowledge Role on Collaborative Human-Robot Interaction.
Maroto Gómez, M., Álvarez Arias, S., Carrasco Martínez, S., Rodríguez Huelves, J., Segura Bencomo, A., Castro González, Á.

When Robots Say No: Temporal Trust Recovery Through Explanation.
Webb, N., Huang, Z., Milivojevic, S., Baber, C., Hunt, E.

19:00-21:00 Welcome Party

Parthenope University, Centro Direzionale Isola C4, 80143, Napoli, Italy, Auditorium

Thursday Session: September 11th

8:00-8:30	**Registration**
8:30-9:00	**Reset your Mind**
9:00-9:15	**Welcome** *Chair: John-John Cabibihan*
9:15-10:00	**Regular Session 2.1 - Special Session 2 - Special Session 5 - Competitions**
	Regular Session 2.1 – Emotion & Affective Interaction *(Chairs: Francesca Cordella, Alessandra Sciutti)*
	Visualizing the Past: Emotional and Cognitive Impacts of AI-Generated Images in Human-Robot Interaction. *Amaro, I., Rossi, D., Della Greca, A., De Marco, F., Auriemma Citarella, A., Di Biasi, L., Tucci, C., Tortora, G.* **When Robots Care: Elderly Reactions to Emotionally Intelligent Actroid-F**. *Huseynzade, S., Wieching, R., Ogawa, T.* **A Multimodal Emotion Recognition Approach for Socially Assistive Robots**. *Tamantini, C., Fabrizi, M., Zollo, L., Cordella, F.* **Empathy in Child-Robot Interaction**. *Bruttin, M., Leisten, L., Cross, E.* **Driven by Personality?**. *Bernotat, J., Jirak, D., Triglia, L., Rea, F., Sciutti, A.*
10:00-10:30	**Coffee Break - Exhibitors Tour - Poster Session 2 - PhD Corner**
10:30-11:30	**Regular Session 2.2 - Special Session 2 - Special Session 5 - Competitions**
	Regular Session 2.2 – Applications in Real-World Case Studies *(Chairs: Cristina Gena, Oliver Bendel)*

EBO Robot in Elderly Care: Interaction Styles and Multimodal Engagement Through Serious Games in Care Centers.
Blanco, A., Condón, A., Clavijo, Z., Rodríguez, T., Núñez, P.

Participatory Design for Human-Robot Interaction with Syrian Refugees and Asylum Seekers.
Ashkenazi, S., Srour-Zreik, R., Skantze, G., Stuart-Smith, J., Foster, M.

Using the Pepper Robot to Support Sign Language Communication.
Botta, G., Botta, M., Gena, C., Mazzei, A., Donini, M., Lillo, A.

Evaluating the Role of Robot Form and Intelligence in the Ultimatum Game.
Armstrong, T., Sanchez, C., Fitter, N.

Designing User Experiences with Social Robots: A Field Study on Acceptance in Public Libraries.
Lisetschko, A., Jansen, N., Dogangün, A.

11:30-12:30 **Regular Session 2.3 - Special Session 2 - Special Session 5 - Competitions**

Regular Session 2.3 – LLMs & Conversational / Verbal Interaction (Chairs: Marcos Maroto Gómez, Alessandra Sorrentino)

Connecting through Shared Memories. Episodic Memory for Social Robots Using Offline LLMs.
Álvarez Arias, S., Maroto Gómez, M., Segura Bencomo, A., Rodríguez Huelves, J., Malfaz, M.

Intuitive Control of a Social Robot Using Natural Language with Large Language Model and Error Correction Capabilities.
Biagi, F., Gasparini, P., Modena, M., Biagiotti, L.

Storytelling and Self-Other Integration with Robots: Creation and Validation of Storytelling Stimuli that Induce Social Identification with the QT Robot.
Ciardo, F., Foini, F., Spitale, M.

Personalized Socially Assistive Robots With End-to-End Speech-Language Models For Well-Being Support.
Fu, M., Shi, Z., Huang, M., Liu, S., Kian, M., Song, Y., Matarić, M.

Towards Improving Turn-Taking in Social Robots Using Visual-Only Voice Activity Detection in Multimodal Dialogue Systems.
Cano, A., Perez, G., Merino, L., Gomez, R.

12:30-13:30 **Lunch Break - Exhibitors Tour - Poster Session 2 - PhD Corner**

13:30-14:30 **Regular Session 2.4 - Special Session 1 - Special Session 3 - Competitions**

Regular Session 2.4 – Motion Control, Prosthetics & Functional Robotics
(Chairs: Fabio Ruggiero, Adriana Tapus)

HaptiCam: Skin-drag Haptic Feedback for Real-time Communication of Camera Settings.
Ha, M., Merritt, T.

Optimizing Prosthetic Wrist Movement: A Model Predictive Control Approach.
Schetter, F., Sulaiman, S., George, S., De Risi, P., Ficuciello, F.

Vision based Hybrid IK Task Planning with Feedforward Neural Network for Collaborative Plant-Robot Interaction in Precision Farming.
Roy Chowdhury, A., V.P., T.

Slosh-Aware Trajectory Control in a Reconfigurable Staircase Service Robot.
Veerajagadheswar, P., Hayat, A., Kalimuthu, M., Mohan Rayguru, M., Elara, M.

A Mixed Reality User-friendly Interface for Robot Teleoperation.
Chemerys, M., Novoselov, M., Diniz Melo Santos, S., Aliotta, R., Cufino, F., Ruggiero, F.

14:30-15:30 **Regular Session 2.5 - Special Session 1 - Special Session 3 - Competitions**

Regular Session 2.5 – Context Awareness & Explainability
(Chairs: Michael Schiffmann, Kristiina Jokinen)

Classification of User Satisfaction in HRI with Social Signals in the Wild.
Schiffmann, M., Jeschke, S., Richert, A.

Bayesian Goal Inference Engine for Intent Prediction in Human-Robot Collaboration.
Pelosi, M., Helling, N., Maria Zanchettin, A., Rocco, P.

Pluri-perspectivism in Human-Robot Co-Creativity with Older Adults.
Bossema, M., Saunders, R., Plaat, A., Ben Allouch, S.

Exploring Avoidance Strategies between Humans and Robots in Social Navigation.
Moujahid, M., Dondrup, C., Hernandez Garcia, D., Romeo, M.

Improving Human-Swarm Interaction Through Speech Control and Peer-to-Peer Micro-Agent Communication.
De Gasperis, G., Di Ottavio, D., Facchini, S.

15:30-16:00 **Coffee Break - Exhibitors Tour - Poster Session 2 - PhD Corner**

16:00-17:00 **Regular Session 2.6 - Special Session 4 - Competitions**

Regular Session 2.6 – Ethics, Trust & Social Acceptability
(Chairs: Alessandra Rossi, Diego Resende Faria)

Ethical and Societal Challenges Facing Social and Educational Robots – Insights from the KASPAR Experience.
Lakatos, G., Velmurugan, V., Menon, C., Wood, L., Robins, B., Amirabdollahian, F.

Bayesian Proximal Policy Optimization with Adaptive Learning and Episodic Memory for Social Robot Navigation.
Resende Faria, D.

Automatic Assessment of Speaking Proficiency for Language Practice Robots.
Verhelst, E., Lecompte, P., Janssens, R., De Wilde, V., Belpaeme, T.

Evaluating Social Impact of Pedipulation with Quadrupedal Robot.
Tabita, M., Recchiuto, C., Simetti, E., Sgorbissa, A.

Improving Engagement in Robot Lecture through Personality Expressed by Teacher Robot.
Sasaki, S., Kashihara, A.

17:00-18:00 **Regular Session 2.7**

Regular Session 2.7 – Trust, Autonomy, and Cognitive Models
(Chairs: Nihan Karatas, Marco Matarese)

Dynamic Trust Modeling in Robot Teleoperation Using a Bayesian Approach.
García Cárdenas, J., Tapus, A.

Effects of Perceived Robot Autonomy and Personal Differences on Trust in Human-Robot Interactions.
Fallahi, A., Holthaus, P., Amirabdollahian, F., Lakatos, G.

Multimodal Assessment of Human Trust and Cognitive Load in Legged Robot Interaction.
García Cárdenas, J., Tian, C., Trahanias, P., Tapus, A.

Interactive Robotic-Assisted Cognitive Training for Run-Time Personalization: A Preliminary Study.
De Benedictis, R., Di Napoli, C., Cortellessa, G., Fracasso, F., Galluccio, A.
Playing Smart: The Role of Embodiment and Strategy in Multi-Agent Competitive Card Game.
Triglia, L., Rea, F., Barros, P., Sciutti, A.

17:00-18:00	**Remote Regular Session**

Remote Regular Session
(Chairs: Tamara Siegmann, Timothy Scott Chu)

A Bayesian Neural Networks Approach for Spatial Relations Learning in Human-Robot Collaboration.
McCarthy, M., Dao, M., Yan, F.

Children's Acceptance of the TABAN Social Robot in LLM-Powered Collaborative Visual Storytelling.
Maryam Karimi Jafari, Taheri, A.

Violence Detection by a Social Robot.
Nikoobayan, R., Taheri, A.

19:00-20:00	**Social event: Visit to the Hystoric Center**
20:00-23:00	**Gala Dinner**

Friday Session: September 12th

Venue 2: Città della Scienza Congress Center, Via Coroglio 104, Napoli, Newton Hall

8:00-8:30	**Registration**
8:30-9:00	**Take a Breath and be grateful**
9:00-9:15	**Opening** *(Chair: Mariacarla Staffa)*
9:15-10:00	**Keynote: Emotivation by Design: The Mirokaï, by Jérôme Monceaux** *(Chairs: Mariacarla Staffa, Bruno Siciliano)*
10:00-10:30	**Coffee Break - Exhibitors Tour - Poster Session 1 - PhD Corner**
10:30-11:30	**Design competition** *(Chair: Amit Kumar Pandey)*
11:30-12:30	**Regular Session 3.1**

Regular Session 3.1 – Emotion & Social Interaction in HRI
(Chairs: Vali Lalioti, Hooman Samani)

Small Talk with a Robot Reduces Stress and Improves Mood.
Kühne, K., Klöffel, A., Bendel, O., Fischer, M.

Multimodal Dialogue for Empathetic Human-Robot Interaction.
Rawal, N., Maharjan, R., Salici, G., Catalini, R., Romeo, M., Bigazzi, R., Baraldi, L., Vezzani, R., Cucchiara, R., Cangelosi, A.

Emotivation in Human-Robot Interaction for Affective Behavioral Adaptation.
D'Errico, L., Esposito, R., Matarese, M., Mele, V., Mungari, A., Roscica, M., Staffa, M.

Robotic Ears as Social Cues: A First Analysis on Emotional Expressivity.
Rossi, S., Rossi, A.

Simulating Feelings: LLM vs. Psychology-Based Models in Human-Robot Interaction.
Corrao, F., Nardelli, A., Sgorbissa, A., Recchiuto, C.

12:30-13:30	**Lunch Break - Meet Mirokaï**
13:30-14:30	**Keynote: Giving life to dresses with tech, by Anouk Wipprecht** *(Chairs: Silvia Rossi, Leon Bodenhagen)*

14:30-15:30	**Rising Woman Stars in Social Robotics** *(Chair: Micol Spitale)*
15:30-16:00	**Coffee Break**
16:00-17:00	**Regular Session 3.2**

Regular Session 3.2 – Assistive & Educational Applications in HRI
(Chairs: Heather Knight, Sebastian Schneider)

Evaluating Children Engagement and Robot Perception Interacting with NAO Robot in Educational Context: A Feasibility Study.
Fiorini, L., Pecini, C., Maselli, M., Pugi, L., Adelucci, E., Musca, H., Pani, J., Scatigna, S., Di Lieto, M., Del Lucchese, B., Sgandurra, G., Cavallo, F.

Human Hand Shape and Grasping Behavior Estimation Using a Humanoid Hand with a Tactile Interface.
Saood, A., Tapus, A.

Wearable Social Robots for the Disabled and Impaired.
Bendel, O.

Nova: A Novel Approach for Game Narration.
Cauás, N., Triglia, L., Honorato, L., Barros, P., Fernandes, B., Sciutti, A.

Culturally Sensitive Stand-Up Comedian Robot.
Wong Kam, M., Samani, H., Akhond, S., Premachandra, C., Lalioti, V.

17:00-18:00	**Teaser Talks from Robotics Companies** *(Chairs: John-john Cabibihan, Filippo Cavallo)*
18:00-19:00	**Award Ceremony and Closing** *(Chairs: Genaral Chairs, Award Chairs, Competition Chairs)*
19:30-23:00	**Closing Party**

Special Sessions

Special Session: SS01 – Social Human-Agent Interaction for Health

13:30 – 15:30, Room 2 – Floor 1°

Session Chairs: Giacinto Barresi, Filippo Cavallo, John-John Cabibihan
Service Robots in Elderly Care: A Systematic Review of ADL Coverage, Stakeholder Sentiment, and Deployment Readiness Chu, T., Cabibihan, J.
CaRE-BT: An Embodied Planning Framework for In-Home Assistive Robots Ghattas, O., Hussein, M., Alam, M., akash, M., Arthanat, S., LaRoche, D., begum, M.
LLM-driven Persuasive Strategies by a Social Assistive Robot for Healthier Snacking Ajibo, C., Rossi, A., Rossi, S.
Robots and Reflexes: Analyzing the Stroop Effect and Impulsiveness in Human-Robot Interaction Sorrentino, A., Pani, J., La Viola, C., Kim, J., Maselli, M., Iacopini, S., Fiorini, L., Cavallo, F.
An Agentic AI Architecture for Human-Robot Interaction: Enhancing Activity Recognition with Memory-Driven Reasoning Shahabian alashti, M., Ghamati, K., Samani, H., zaraki, A.
Designing Interactive Robots for Active Ageing Munoz, J., Saleh, S., Ramirez, N.
SoK: Systematic Review of Privacy Preserving Mechanisms and Security Architectures in Healthcare Robotics Grover, M., Das, S.

Special Session: SS02 – Cognition for Human-Robot Interaction

9:15 – 12:30, Room 2 – Floor 1°

Session Chairs: Thomas Sievers, Nele Russwinkel
Engagement Estimation in Child-Robot Interaction via Transfer Learning from a Pre-trained Facial Emotion Recognition Model
Garcia, G., Laycock, R., Perez, G., Amores, J., Álvarez-Benito, G., Castro, M., Gomez, R.
Toward Safe Child-Robot Interactions: Exploring Children's and Parents' Privacy Perceptions of Humanoid Social Robots
Shin, J., Hamdi, A., Chen, A., Hu, Y., Zhang-Kennedy, L.
Investigating the Similarity-Attraction Effect on Personality in Human-Robot Interactions
Nardelli, A., Corrao, F., Sgorbissa, A., Recchiuto, C.
Enhancing Human-Robot Interaction Through Nonverbal Communication and User Self-Efficacy
Marmor, K., Leoste, J., Tolmos Rodríguez-Piñero, P.
Assessing Multimodal Context Awareness of a Social Robot in a Conversational Scenario
Pallonetto, L., Esposito, R., Acampora, G., Russo, M., Trenti, F., Rossi, S.
Unfair game: how age and robot deception shape the attribution of mental states in virtual reality
Misino, L.
A Cognitive Architecture for Embodied AI based on LLM Common-sense knowledge
Saladino, A., Brienza, M., Suriani, V., Bloisi, D., Iocchi, L.
Social Robots as Creative Partners: Comparing Large Language Models with Wizard-of-Oz in Human-Robot Brainstorming
Pruss, E., Vrins, A., Ceccato, C., Prinsen, J., Alimardani, M., de Wit, J., de Rooij, A.
Towards Memory-Driven Agentic AI for Human Activity Recognition
Shahabian alashti, M., Ghamati, K., Samani, H., zaraki, A.
Act-it-Out Method for Developing Robot Arm Actions and Semantic Commands
Sanchez, L., Patil, S., Knight, H., Jain, C., He, B.
Who Sees What? Structured Thought-ActionSequences for Epistemic Reasoning in LLM

	Annese, L., Patania, S., Rossi, S., Foulsham, T., Serino, S., Ognibene, D., Ruggeri, A.
	In the Comfort Zone: How Social Robots Learn to Adapt
	Mongile, S., Tanevska, A., Rea, F., Sciutti, A.

Special Session: SS03 – Social Robotics and Sustainability: Transdisciplinary dialogues on social robots' philosophical, scientific and technological innovation

13:30 – 15:30, Room 3 – Floor 1°

	Session Chairs: Ilaria Alfieri, Antonio Fleres, Rebecca Mannocci, Luisa Damiano
	Rethinking Learning from Demonstration through Enactive Cognitive Sciences
	Bacaro, M.
	The Social Robotics gamble: Pathways to Sustainability
	Sequeira, J., Castro González, Á., Castillo, J., Alonso-Martín, F., Salichs, M.
	Active Inference and Sustainable Robotics: Modeling Social Resource Management
	Raffa, M.
	Sustainable Human-Robot Interaction: from current trends to future visions
	Torre, I., Parreira, M., Pelikan, H., Lagerstedt, E., Schömbs, S., Winkle, K., Ljungblad, S.
	Eyes from Above: Co-Designing a Multi-Drone System for Enhanced Surveillance of Critical Infrastructure
	Bahodi, M., Hornbæk Kristensen, M., van Berkel, N., Skov, M., Brodersen Hansen, N., Merritt, T.

Special Session: SS04 – Explanations in Social HRI

16:00 – 17:00, Room 2 – Floor 1°

Session Chairs: Marco Matarese, Omar Eldardeer, Igor Farkaš, Alessandra Sciutti
Designing Authority and Service-Oriented Experiences in Librarian Robots Liberman-Pincu, E., Oron-Gilad, T.
Development and Preliminary Validation of an Empathetic and Explaining Robot Interface for Proactive Indoor Environment Control Omichi, M., Takahashi, H., Ban, M., Yoshikawa, Y., Ishiguro, H., Ishizuka, H., Horii, T., Kikuchi, T., Tomoda, M., Shimasaki, K., Toshima, Y.
Levels of explanation for error resolution in HRI Krakovski, M., Kumar, S., Edan, Y.
RAGGAE for HERBS: Testing the Explanatory Performance of Ontology-powered LLMs for Human Explanation of Robotic Behaviors Augello, A., Datteri, E., Lieto, A., Rausa, M., Zagni, N.

Special Session: SS05 – Robots on Stage: Performance Art, Education and Social Robotics for Children

9:15 – 12:30, Room 3 – Floor 1°

Session Chairs: Ester Fuoco, Piotr Mirowski
Social Interaction with Autonomous Art: Combining Social Analysis and Computer Vision Reed, D., Camara, F., Wang, T.
Bringing robots on the stage: a co-designed multiplatform robot control system for theatrical performances Derri, A., Filacanapa, G., Magris, E., Anzalone, S.
Towards a Customizable dramaturgical System Peng, Y., Chen, J., Sun, S., Plassard, D.
First Encounter Dramaturgy with Multi-Robot Swarms (Without Mentioning Robots!) Walton, R., Vella, E., Williams, D., Duric, G., Michalewicz, A., Green, J., Chapman, A.

Charting the Ecosystem of Trust in Cat Royale
Benford, S., Barnard, P., Sharples, S., Webb, H., Mancini, C., Kucukyilmaz, A., Castle-Green, S., Schneiders, E., Ngo, V., Chamberlain, A., Fischer, J., Salimbeni, G., Tandavanitj, N., Adams, M., Row Farr, J.
Student's acceptance of social robots: a study with Pepper on inclusive mathematics learning through storytelling
Vitale, A., Dello Iacono, U., Carbonaro, B., Cordasco, G., Esposito, A.
The Spice of Surprise
Lösel, G.
Robot design and inclusive practices: a pilot study on gender equity in STEM
Cesaro, L., Menegatti, E.
Emotional Content in Robotic Dance
Saviano, G., Villani, A., Prattichizzo, D.
"The Soul is a Verb, Not a Noun."
Bleeker, M.
OperaBot: A Performer Led Robot Theatre Collaboration
Swaminathan, J., Alvarado, D., Knight, H.
Theatre in the Loop: A Rehearsal-Based, Collaborative Workflow for Expressive Robotic Behaviours
Panagiotidis, P., Ngo, V., myatt, S., Patel, R., Ramchurn, R., Chamberlain, A., Kucukyilmaz, A.

Posters

Wednesday Session: September 10th

Poster Session 1, Poster Area, Floor 3

#	Title	Authors
1	RoboTale: Leveraging Large Language Models for Generative Storytelling and Gestural Interaction on a Humanoid Robot for Children's Hospitals	Barrera Valls, P., Øllgaard, J., Sudermann, T., Stoyanova Wolf, A., Kenn Rasmussen, R., Bodenhagen, L., Palinko, O.
2	Rethinking the Evaluation of Non-Stationary Dueling Bandits for Human-Robot Interaction	Schneider, S.
3	Cheerbot: a socially assistive robot for workplace wellbeing	Webb, H., Barnard, P., Caleb-Solly, P., Cameron, A., Craigon, P., Lancaster, K., McClaughlin, E.
4	Wearable Social Robots in Space	Siegmann, T., Bendel, O.
5	Attitudes Toward AI	Vänni, K., Tanhua-Piiroinen, E., Syvänen, A., Viteli, J.
6	Exploring Social Robots for Pediatric Asthma Education: A Pilot Study	Pasternak, K., Foronda, C., Downs, C., Visser, U.
7	Scaffolding Reflection, Not Generation: Exploring Non-Directive Social Robot Interaction in Early-Stage Ideation	Boribun, W., Heidmann, F.
8	Facilitating the Emergence of Assistive Robots to Support Frailty: Psychosocial and Environmental Realities	Higgins, A., Caleb-Solly, P., Potter, S., Dragone, M., Hawley, M., Amirabdollahian, F., Di Nuovo, A.
9	Examining the legibility of humanoid robot arm movements in a pointing task	Lúčny, A., Antonj, M., Mazzola, C., Hornackova, H., Faric, A., Vavrecka, M., Malinovska, K., Farkas, I.
10	AI Pedagogy: Dialogic Social Learning for Artificial Agents	Patania, S., Annese, L., Koyuturk, C., Ruggeri, A., Ognibene, D.
11	Beyond Detection – Orchestrating Human-Robot-Robot Assistance via an Internet of Robotic Things Paradigm	Hunt, J., Fujii, K., Magassouba, A., Caleb-Solly, P.

12	Towards Expert Human-Robot Interactions Using Knowledge Graphs	Wilcock, G., Jokinen, K., Thankachan, B., Turunen, M.
13	LLMs and Humanoid Robot Diversity: The Pose Generation Challenge	Catalini, R., Biagi, F., Salici, G., Borghi, G., Vezzani, R., Biagiotti, L.
14	Identifying Public Engagement with Autonomous Art Through Human Pose and Speed Detection	Wang, T., Camara, F., Woolley, R., Reed, D.
15	A Cognitive Social Robot in Manufacturing	Anastasiou, D., Gaffinet, B., Naudet, Y.
16	Pitch Training with Furhat. Exploring Perceptions and Effects of a Social Robot in Entrepreneurship Education	Buchem, I., Olteanu, Y., Bonga, G.
17	A Progressive Multimodal Robot System for Emotional Learning in Autistic Children	Wu, Y., Kaur, M., Yuan, F.
18	Breathe with Me: A Breathing Exercise Guided by the Robot NAO Reduces Stress	Buchem, I., Kuehne, K.
19	Come Closer: A Social Bench to study Children Robot Interaction	Cocchella, F., Mongile, S., Pusceddu, G., Andrighetto, L., Rea, F., Sciutti, A.
20	Conceptual Framework for Autonomous Coaching in Orthopaedic Rehabilitation with Socially Assistive Robots	Tamantini, C., Umbrico, A., Fabrizio, A., Carnevale, A., Schena, E., Longo, U., Orlandini, A.
21	HRI-based Interview Training using the FurHat Robot	Moore, R., Jones, A.
22	Exploring New Vitality Forms in Human-Robot Interaction	Carlesso, S., Abdul Kader, M., Di Cesare, G., Sciutti, A., Niewiadomski, R.
23	Impact of Gaze-Based Interaction and Augmentation on Human-Robot Collaboration in Critical Tasks	Jena, A., Reitmann, S., Anna Topp, E.
24	EMOROBCARE: A Low-Cost Social Robot for Supporting Children with Autism in Therapeutic Settings	Cooper, S., Pou, B., Mayoral-Macau, A., Redondo, A., Rios, D., Ros, R.
25	When a question isn't fair: Grounding perceptions of nonhuman agents' (un)fairness in a quiz game experience	Bäckström, A., Ekenberg, W., Kaptelinin, V.
26	Diffusion of responsibility in HRI: Reduction of human agency does not occur when sharing a task with a robotic arm	Ciardo, F., Fava, A., Ricciardelli, P., Villani, V., Iani, C., Sabattini, L.

27	Exploring Emotional Support through Interaction with a Social Robot for Individuals with a Visual and Cognitive Impairment: a Pilot Study	Hobbelink, V., Lischer, D., van Zeeland, M., Gevaert, R., van der Hout, V., Smakman, M.
28	A Path to Gradual Individual Experience and Recollection for Social Robots based on a Cognitive Architecture	Sievers, T., Russwinkel, N.
29	SitBot: A posture-mimicking robot to reduce slouching	Wang, C., Wikström, A., Pettersson, L., Sarker, A., De Cet, M., Diapoulis, G., Obaid, M., Torre, I.

Thursday Session: September 11th

Poster Session 2, Poster Area, Floor 3

#	Title	Authors
1	A Social Robot Conductor for Public Buses: Promoting Safety and Reducing Driver Burden	Karatas, N., Jiang, L., Yoshihara, Y., Hirota, T., Fujita, R., Tanaka, T.
2	Evaluation of Conversation Continuity through Social Experiments Using LLM for Daily Text Chats with Virtual Robots	Kanbara, M.
3	The Interaction Blueprint: A Human-Centred Design Tool for Cognitive Human–Robot Interaction	Osa, N., Lasa, G., Mazmela, M., Apraiz, A., Escallada, O.
4	Acceptability and Expectations of Social Robots in Speech and Language Therapy – A Survey	Jouaiti, M., Casagrande, E., Azizi, N.
5	SRWToolkit: An Open Source Wizard of Oz Toolkit to Create Social Robotic Avatars	Nilgar, A., Van Laerhoven, K., Kinoti, A.
6	On the Influence of Social Robots During Ethical-Decision Making: A Preliminary Study	Matarese, M., Guerrieri, V., Kahya, R., Rea, F., Sciutti, A.
7	Towards Reconfigurability of Plan-based Controllers through Metacognition	Umbrico, A., Stock, S., Atzmueller, M., Cesta, A., Foderaro, E., Hertzberg, J., Lima, O., Saborío, J., Vinci, M., Pedrocchi, N., Orlandini, A.
8	Towards Perception through Planning and Epistemic Models of Actions	Beraldo, G., Oddi, A., Rasconi, R., Orlandini, A., Umbrico, A.
9	HAMI: A Robotic Assistant for Active Hand Rehabilitation	Caballa, S., Martinez, A., Elías, D.
10	Towards Emotion-Aware and Context-Sensitive Decision-Making in Social Robotics: Insights from MUSIC4D and MHARA	Seidita, V., Giambanco, A., Sciacchitano, A., Chella, A.
11	RoboPudica: Enhancing Awareness in Human – Plant Interaction via Biomimetic Interface	Liu, H., Samani, H., Akhond, S.
12	TactiCall: ML-Powered Haptic Wristband for Alerting Hearing-Impaired Users	Niu, H., Akhond, S., Samani, H.

13	Towards a Sustainable Role for Social Robots: A Conceptual Framework	Alfieri, I.
14	Affective Evaluation of Rehabilitation Tasks Demonstrated by a Service Robot in Joint and Operational Spaces	Scotto di Luzio, F., Tamantini, C., Lauretti, C., Candeloro, F., Zollo, L.
15	Designing AI Robots for the SLD Community: The Role of the Dual Pyramid Framework in Human-Centered Development	Mortezapour, A., Ingenito, M., Perillo, F., Mortezapour, A., Vitiello, G.
16	A Personal Social Robot to Support Physical Activity for Seniors at Home	De Carolis, B., Lofrese, D., Palestra, G., Toma, A., Gena, C.
17	Influence of Robot Role on Japanese Learners' English Communication Learning	Hakiri, A., Kashihara, A.
18	Toward Human and Context-Aware Behavior Generation	Grimaldi, C., Rossi, S.
19	A Social Robot supporting Artistic Activities with Older Adults: a Pilot Study	Carrasco Martínez, S., Maroto Gómez, M., Alonso-Martín, F., Castro González, Á., Salichs, M.
20	Toward Human-Robot Co-Learning in Manufacturing	Pietras, E., Salcedo-Gil, R., Borzone, G., Rispens, S., Bodenhagen, L.
21	Grounding Natural Language Mission Requests in Robotic Skill Specifications via Large Language Models	Barbato, M., Grazioso, M., Mancini, A., Russo, V., Di Bratto, M.
22	The Cobra Effect in Trust Repair	Perkins, R., Robinette, P.
23	ARIS: A socially assistive robot with emotional monitoring and haptic feedback for prosthetic hand adaptation and hand rehabilitation	Caballa, S., Espinoza, A., Elías, D.
24	Role-Adaptive Communication Framework with Large Language Models for Multi-Robot Systems	Song, J., Lee, M., Back, J., Cheong, P., AHN, H.
25	Affected by soft robots: Insights into social relations with soft robots	Treusch, P., Jørgensen, J.
26	Human Motion Mimicking and Motion Translation for Different Social Robots	Tracey, F., MacDonald, B., AHN, H.
27	Multimodal Prediction of Valence and Arousal from Speech for Emotion-Aware Interaction System	Dhungana, S., Pinto-Bernal, M., Belpaeme, T.

28	Adaptive Defense Against Socio-Emotional Exploitation in Social Robots: A Review of Physiologically-Informed Approaches.	Greco, D., D'Errico, L.
29	Exploring Students' Perceptions of an Educational Robot: the influence of Voice and Video Modalities	Sarno, M., Cuciniello, M., Amorese, T., Cordasco, G., d'agnese, V., Esposito, A.

Workshops

Wednesday September 10th

Workshops List	Organizers	Time	Rooms 1st Floor
WS01 – Social Robotics Girl Becomes a Social Robot: A Hands-On Workshop to Design and Construct Physical Embodiments for the SRG Chatbot GPT	Oliver Bendel, Tamara Siegmann, Leo Angelo Cabibihan, John-John Cabibihan	10:30–18:00	Room 2
WS02 – RAFFI-el: Workshop on Robotics and Arts for the Future of the Food Industry	Francesco Semeraro, Angelo Cangelosi, Tatiana Efremenko, Kosta Jovanović, Petia Radeva	10:30-18:00	Room 3
WS03 – HYDROTHERABOTS: HYDROTHERApy using RoBOTS, AI, and VR Technologies for Physical Rehabilitation	Gokce Nur Yilmaz, Kutluk Bilge Arikan, John-John Cabibihan	14:30–18:00	Room 5
WS04 – Human-Centered Robotics and Cognitive Abilities	Ganix Lasa, Maitane Mazmela, Nagore Osa	10:30-14:30	Room 5
WS05 – Workshop on Social Robotics for Human-Centered Assistive and Rehabilitation AI (a Fit4MedRob event)	Andrea Orlandini, Christian Tamantini, Silvia Rossi, Luigi D'Arco	10:30-18:00	Room 4
WS06 – FoMoSR: Foundation models for Social Robotics	Federico Tavella, Wenjie Huang, Angelo Cangelosi	10:30-14:30	Room 8b
WS07 – Cognitive Load and Engagement in Human-Robot Collaboration: From Robots in Hazardous Environments to Educational Applications	Adriana Tapus, Xiaoxuan HEI, Juan Jose Garcia Cardenas	10:30-14:30	Room 7
WS08 – Beyond Words: The Role of Touch in Social Robotics	Adriana Tapus, Patrick Hénaff, Adnan Saood	14:30-18:00	Room 7

Workshops List	Organizers	Time	Rooms 1st Floor
WS09 – ASIMOV: Adaptive Social Interaction based on user's Mental mOdels and behaVior in HRI	Salvatore M. Anzalone, Giuseppe Palestra, Carlotta Bettencourt, Alberto Prini, Elena Maryam Alimardani, Mariacarla Staffa	14:30-18:00	Room 6
WS10 – Social Robots Unboxed – What Do We Want from the Robots?	Minsu Jang, Ho Seok Ahn, Ross Mead, Yunsung Kim, Sonya Kwak	14:30-18:00	Room 8b
WS11 -SCOPE-HRI: Sensing and COgnitive Principles in Embodied HRI	Dimitra Anastasiou, Jauwairia Nasir, Ilaria Torre, Mohammad Obaid, Thomas Sievers, Nele Russwinkel	10:30-14:30	Room 6

Competitions

Description

Robotics has advanced steadily in design, intelligence, and behavior, but new challenges arise with the emergence of innovative robots for diverse applications. In particular, embodied AI agents are increasingly needed to engage, support, and assist people with different needs and expectations. We invite students, young researchers, and experienced teams to join the robot software and design competitions addressing these demands. The competitions will feature three categories:

- Robot design Competition, where teams of students, young researchers can show their design innovative ideas
- @HOME Competition, where teams of young and more experienced researchers can apply advanced techniques for solving real-world problems in a competition format.
- @HOME Hackathon, where teams of students and young researchers can develop social behaviours for HRI in a hackathon format.

Program

September 10
@HOME
10:30 -18:00 - set up day
@HACKATON
10:30 to 14:30 - instruction on how to use the robots
14:30 to 18:00 - set up day
September 11
@HOME
10:30 - 12:30 - set up day
13:30 - 14:00 - talk by Katarzyna Pasternak (University of Miami) about RoboCup and RoboCup @HOME
14:00 - 16:45 - demonstrations
16:45 - 17:00 - final comments and results
@HACKATON
10:30 - 12:30 - set up day
13:30 - 14:00 - talk by Kasia about RoboCup and RoboCup @HOME
14:00 - 16:45 - demonstrations
16:45 - 17:00 - final comments and results
September 12
Design Competition
10:30 - 12:30 – Presentations by Robotics Designers
@HOME - @HACKATON - Design Competition
18:00 – 19:00 - Award Ceremony

Sponsored by: PAL, Protom Robotics & 3DRobotics

Figure 1: Robotics platforms by our Sponsors & Supporters

Useful Information

Venue 1: September 10 and 11, 2025

The venue 1 for ICSR2025 will be at the **Parthenope University , Centro Direzionale, Isola C4, 80143, Naples, Italy**. The University of Naples Parthenope, founded in 1920, is a renowned institution located in the heart of Naples. It offers a wide range of undergraduate and postgraduate programs, with a focus on economics, law, engineering, and maritime studies. The university is known for its research excellence and strong ties to local and international industries. Its campuses provide a blend of historical and modern architecture, fostering a dynamic learning environment.

How to get to the conference venue 1?

- **By Plane:** From Napoli Capodichino airport take the **Alibus** busline and get off at **Naples Central Station** (first stop). Tickets can be purchased online or on board. From the Napoli Centrale station, walk in the direction of **Corso Novara** and then head towards **Corso Meridionale**. Walk along Corso Meridionale for approximately

300 metres. Alternatively, take **metro line 1** and get off at the **Centro Direzionale** station.

- **By Train:** Naples Central Station is served by **regional, national, high-speed** and **underground lines** (Underground station Napoli Piazza Garibaldi). The main connections are operated by **Trenitalia** and, for high-speed trains, also by **Italo**. From the Napoli Centrale station, walk in the direction of **Corso Novara** and then head towards **Corso Meridionale**. Walk along Corso Meridionale for approximately **300 metres**. Alternatively, take **metro line 1** and get off at the **Centro Direzionale** station.

- **By Car:** The **Centro Direzionale exit** is located on the **A1 Naples–Milan** motorway about **700 m after the Naples exits** for those coming from the south, and about **700 m before the Naples exits** for those coming from Rome.

Venue 2: September 12, 2025

The venue 2 for ICSR2025 will be at the **Città della Scienza Congress Center, Via Coroglio 57/104, Naples**.

On September 12, a shuttle bus service will be available from 8:00 to 10:00 AM from Piazzale Tecchio (M2, M6) to Città della Scienza.

How to get to the conference venue 2?

- **By Public Transport:** Take Metro Line 2 from Napoli Centrale (Garibaldi) or any central station and get off at Bagnoli-Agnano Terme. From Bagnoli, either walk (about 20 minutes) or take the R7 or C1 bus towards Via Coroglio and get off at the stop for Città della Scienza.

- **By Car:** From the city center, follow signs for Tangenziale di Napoli (A56) and take the exit for Fuorigrotta/Bagnoli. Follow the road signs to Città della Scienza, located on Via Coroglio. Parking is available on-site.

- **By Taxi:** A taxi ride from central Naples takes approximately 20-30 minutes, depending on traffic, and costs around €20-30.

Social Events

Social Events Venues

Welcome Reception Venue

When: September 10th, 2025 – 7:00 PM
Where: Circolo Canottieri, Via Molosiglio, 1

The welcome reception will be held in the grounds of the **Circolo Canottieri**, one of the most prestigious and renowned nautical clubs in Italy.

The venue is located in the green oasis gardens of **"Molosiglio"** in San Ferdinando, overlooking the **Bay of Naples**, on one of the most beautiful beaches and marinas of the city.

Gala Dinner Venue

When: September 11th, 2025 – 8:00 PM
Where: Complesso Monumentale di San Lorenzo Maggiore Piazza San Gaetano, 316

The **Banquent Dinner** will be held at **Chiesa di San Lorenzo Maggiore**, a remarkable historical site that combines medieval architecture with ancient Roman remains. Located in the heart of the city, it includes a stunning Gothic church, a cloister, and an underground archaeological area showcasing a Roman market.

As part of the social dinner, we will host our traditional **"I Was There Last Year" Award**. Established by the ICSR community to foster continued participation, this fun initiative rewards attendees who also organized and joined the previous year's conference. Winners receive a special gift, typically a popular souvenir from the host city.

Closing Party Venue

Closing Party Venue

When: September 12th, 2025 – 8:00 PM
Where: Via Coroglio

The **Closing Party** will be held at **Terrazza Flegrea**, a terrace overlooking the sea, located within the Arenile di Bagnoli, a stone's throw from the center of Naples, with a breathtaking view, where it seems you can touch the islands of Procida and Ischia.

Social Activities

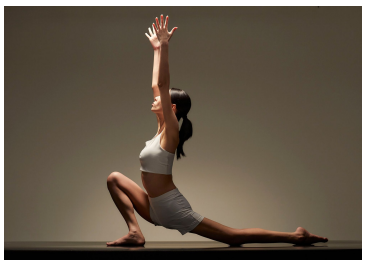
Walking Tour Historic Centre

When: September 11th, 2025 (19:00)
Where: Meeting Point 18:50 Piazza del Gesù.
Discover the heart of Naples with a guided walking tour through its historic center, a UNESCO World Heritage site. Wander through narrow alleys, vibrant piazzas, and ancient churches that tell the story of a city rich in history and soul. From underground treasures to baroque masterpieces, every corner reveals a new layer of beauty. An immersive journey into the timeless charm and cultural heritage of Naples.(Duration: 1.5 Hour)



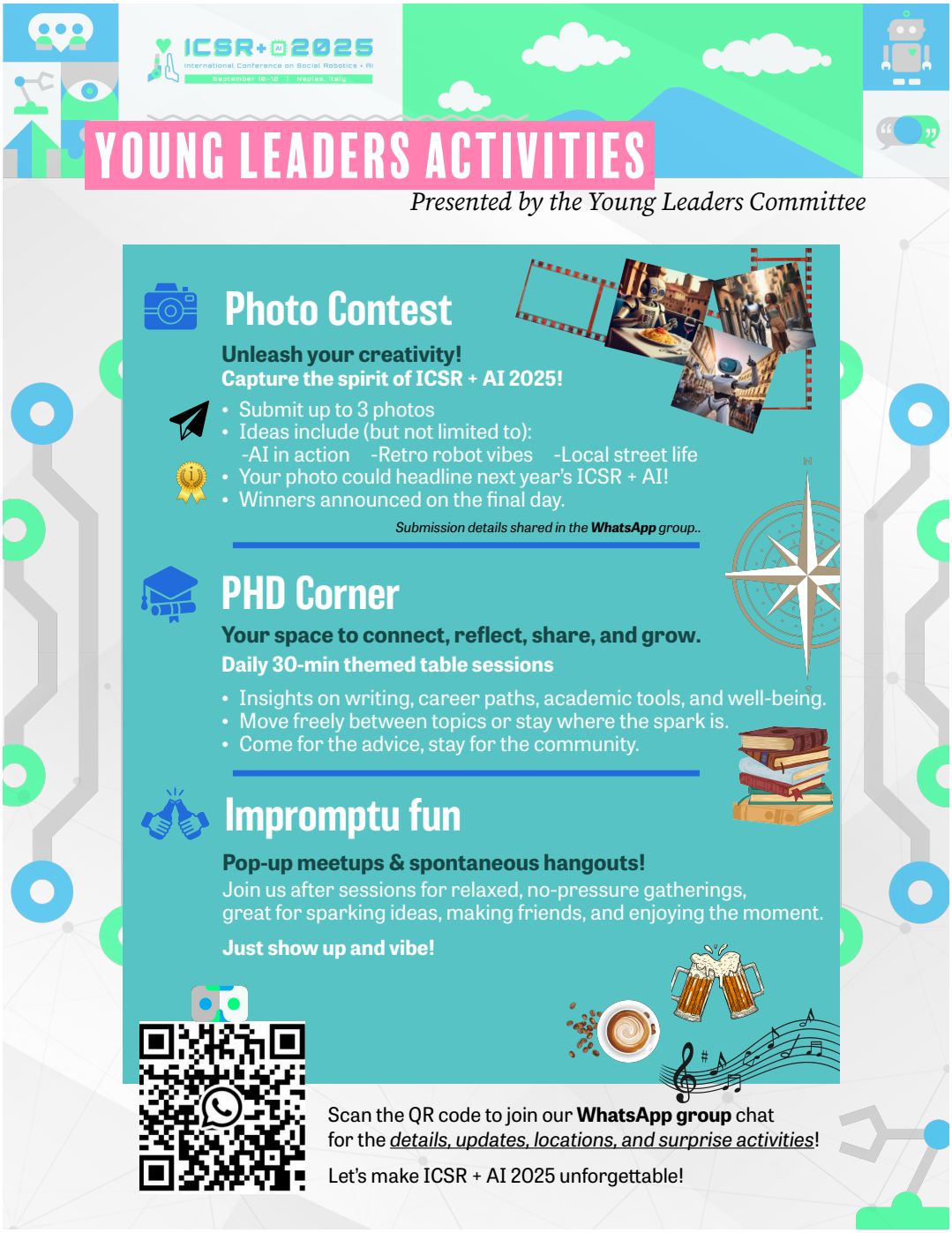
Yoga Activities

When: September 10th to 12th, 2025 (8:30-9:00)
Where: Venue 1 and 2.
Awaken your body and mind with a gentle and mindful Hatha Yoga session, combining grounding postures and fluid movement to restore balance and presence. Guided by the breath through Pranayama techniques, you'll energize and center yourself, creating space for clarity and inner connection. The journey continues with Sound Healing, where harmonic instruments invite deep relaxation and alignment, allowing you to start the day with calm, focus, and renewed vitality. Course duration: 1 Hour. Maximum Capability: 30 people.



Young Leaders Activities

When: September 10th to 12th, 2025
Where: Venue 1 and 2, Social Events Venues.



Sponsors & Exhibitors

Exhibition
September 10th and 11th, 2025 – 10:00-10:30; 12:30-13:30; 15:30-16:00 at the Parthenope University
Tech Talk
September 12th, 2025 – 17:00-18:00 at Città della Scienza Congress Center

Gold Sponsors

Furhat Robotics

Furhat Robotics is a startup building social humanoid robots for research and innovation. Grounded in years of research in human-robot interaction, human communication and speech technology, Furhat's core mission is to enable people to easily build real-world applications and give robots all the essential social and conversational skills needed to interact with humans just as we interact with each other.

wefaa robotics

Wefaa Robotics is a Singapore-based EdTech ecosystem company pioneering the future of hands-on learning with reconfigurable robots. Founded in 2021, the company licensed its core technology from the Singapore University of Technology and Design and has since evolved into a growing ecosystem at the intersection of robotics, education, and innovation. Wefaa's product suite includes Smorphi reconfigurable robots, the Smorphi Imaginary virtual challenge platform, and structured learning curricula designed to equip school and college students with essential 21st-century skills. Wefaa also actively builds learner communities through its signature event series,RoboRoarZ, the reconfigurable robotics competition that inspires creativity, problem-solving, and real-world application.

Silver Sponsor

Since 2004, **PAL Robotics** has developed state-of-the-art robots specially designed to solve customers' needs. We are known for our service robots used for research, intralogistics, retail and social applications for commercial organisations and research institutions. The company's mission is to enhance people's quality of life through service robotics and automation technologies. We have a presence in Barcelona, Toulouse, and Rome, with platforms designed and manufactured in Barcelona and sold to customers worldwide. The company has partnered in over 40 collaborative research projects to further the development of robotics."

- PAL Robotics | Home
- PAL Italy | PAL Alliance
- TIAGo – Mobile Manipulator Robot

Bronze Sponsor

Introducing **Navel**, a new social robot. Navel is not just a robot; it's your smart and lovable ally. Imagine chatting with Navel in a language that feels completely natural to you. Navel listens, understands, and responds with empathy. What sets Navel apart are its extraordinary non-verbal skills. Navel detects faces, senses emotions and responds with matching facial expressions, using its expressive 3D eyes for real eye contact. It's very simple to use, yet very powerful in its social capabilities. Designed for care settings, Navel offers social care and interaction in nursing homes, hospitals, and other social facilities. It also serves as a valuable tool in human-robot interaction research, contributing to the exploration of practical applications of AI and robotics. By providing social care where it's needed most, Navel helps address the shortage of professional caregivers and improves their working conditions. In doing so, it champions the UN's goal No. 3: "Ensure healthy lives and promote well-being for all at all ages." Navel is made in Munich by navel robotics, blending deep tech, design, care, and AI for good.

Martec Srl is an Italian company specializing in the distribution of advanced technological solutions for industrial automation. With a focus on innovation and quality, it offers a wide range of products, from electronic components to control systems and sensors, supporting customers in selecting tailored solutions. Martec's mission is to ensure efficiency and reliability in industrial processes while building strong, trustworthy relationships with partners and clients.

Contributors

Semio is a Los Angeles-based software startup defining the way in which people will live, work, and play with robots in their everyday lives. Semio is developing an operating system, app ecosystem, and developer tools for personal robots. Semio software allows robot developers to rapidly create and deploy robot apps, and allows robot end-users to transparently access and use those robot apps via natural communication, including both speech and body language. What Microsoft Windows did for personal computing—what Android did for smartphones—Semio is doing for personal robots.

Supporters

Our supporters work in the fields of Robotics, VR-AR Reality, HCI and LLM.

Exhibitors Area

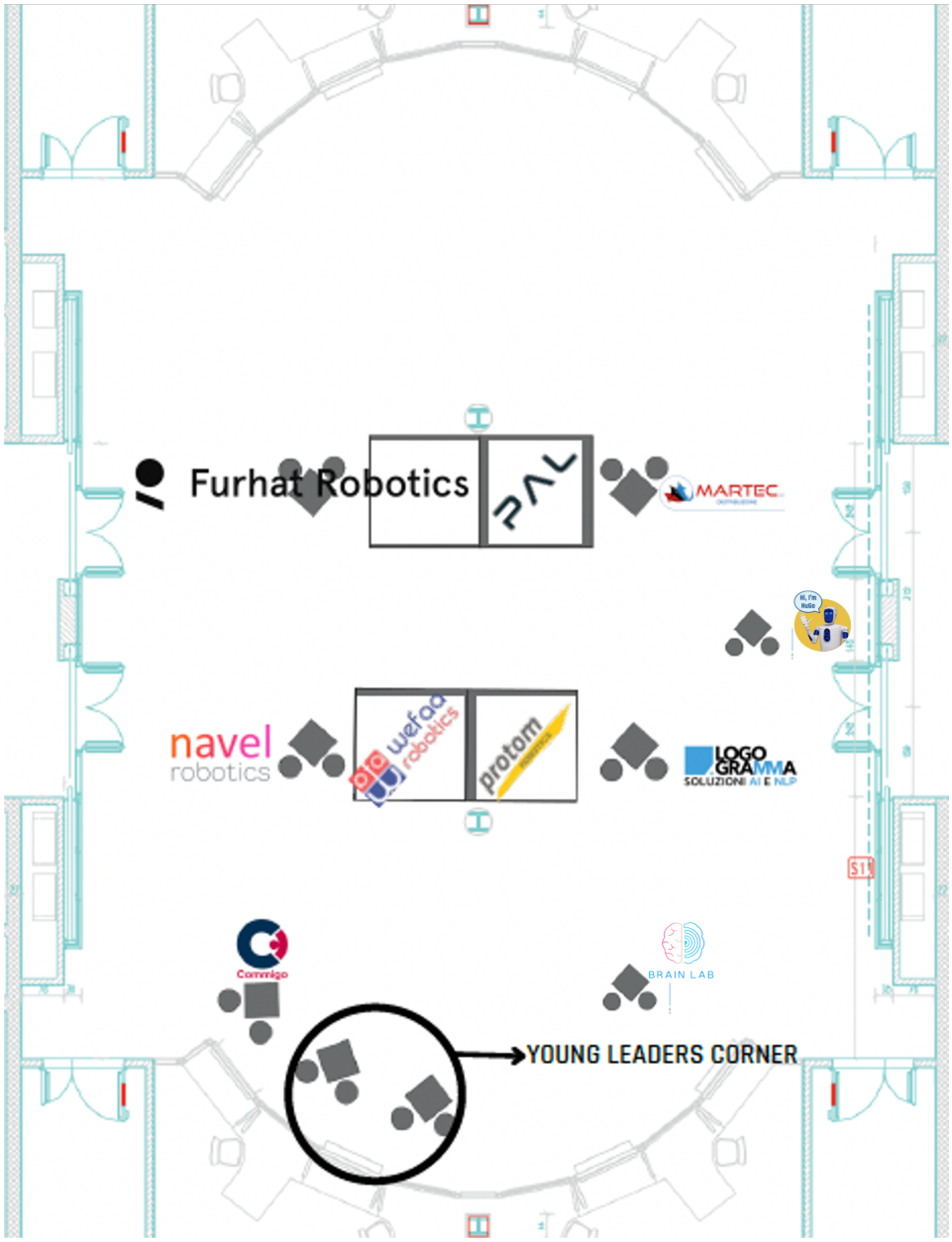


Figure 1: Hall of the University of Naples Parthenope, Centro Direzionale, Isola C4

Sustainability Info

Our Way to a More Sustainable Conference

We're committed to making the International Conference on Social Robotics + AI not only inspiring for minds, but also respectful of our planet and inclusive for everyone. This means thinking carefully about how we plan, travel, eat, and interact — and we'd love for you to be part of it.

Why Sustainability Matters to Us

Conferences bring people together, but they also have an environmental footprint. From travel emissions to catering choices, every decision adds up. Making conscious choices can reduce waste, cut carbon, and set a positive example for other events worldwide. Thus, our goal for the International Conference on Social Robotics + AI – this year and the years to come – is simple: enjoy the conference, leave a lighter footprint. While we are committed to improving each year, we recognise that this is an ongoing journey and there is still work to be done.

Our Sustainability Actions and How You Can Join In

Hotels & Accommodation

We recommend looking for a hotel close to the venue with environmental certifications or visible sustainability measures, e.g., using renewable energy, proper waste sorting systems, or offering sustainable food options. We know that hotels in Naples are in high demand during the conference period, so you might not have much flexibility in your booking. Even if your choice is already set, you can still help make your stay more sustainable:

- Reuse towels and bed linens instead of having them changed daily
- Switch off lights, air conditioning, and electronics when leaving your room

- Limit water use when showering or brushing your teeth
- Reduce single-use plastics by refilling a water bottle where safe to do so, and consider bringing your own toiletries, such as shampoo, body wash, and a toothbrush to avoid the single-use items typically provided by hotels

Transport

Travel is the biggest contributor to a conference's carbon footprint. We encourage:

- Using public transport, cycling, or walking whenever possible
- Arriving by train instead of flying for shorter distances
- Sharing taxi rides or using low-emission shuttle services

Food & Catering

Our catering is designed to be good for you and the planet:

- Plant-forward menus with vegetarian and vegan options
- Locally sourced ingredients, where possible
- A water dispenser will be available on the 3rd floor at the entrance to the terraces, the location for coffee breaks and lunches. In addition, the catering service will provide an automatic water dispenser with recyclable cups. We encourage all attendees to bring their own water bottles to conveniently refill throughout the day

Please help us by avoiding food waste — take only what you will enjoy.

Waste & Water

You'll find clearly marked recycling bins throughout the venue. Colour-coded recycling bins are available on every floor. We kindly ask all participants to use them correctly to ensure proper waste separation. We've tried to minimise single-use items and installed

water-saving devices. Please help by sorting waste correctly and using refill stations for your water bottle.

Inclusion, Equality & Respect

We want this conference to be welcoming and safe for everyone. That means:

- All venues are wheelchair-accessible, with step-free entrances and accessible restrooms
- We have a zero-tolerance policy on discrimination and harassment — if you experience or witness any inappropriate behaviour, please contact our event team immediately
- Gender balance and diversity are prioritised in the organizing committee, speaker line-ups, and panels

Offsetting Our Impact

We aim to understand the full climate footprint of this conference. We plan to use this as a baseline to improve in the years to come. Attendees will receive a short questionnaire to gather data on travel, transport, and other activities. Using this information, we will calculate the event's total greenhouse gas emissions.

Let's Lead by Example

By working together — organisers, speakers, and guests — we can show that high-quality events don't have to come at a high cost to the planet. Thank you for being part of ICSR's sustainability effort and for making choices that align with a more sustainable future.

ICSR+AI 2025

International Conference on Social Robotics + AI

September 10-12 | Naples, Italy

THE 17TH INTERNATIONAL CONFERENCE ON SOCIAL ROBOTICS + AI 2025

10-12 SEPTEMBER, 2025, NAPLES, ITALY

Let's Lead by Example

10-12 SEPT, 2025

NAPLES, ITALY

enjoy every moment.

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HONORARY CHAIR

UNIVERSITÀ DEGLI STUDI DI NAPOLI PARTHENOPE

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GLOBAL ROBOTICS Arts & Science Synergies Grass

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