

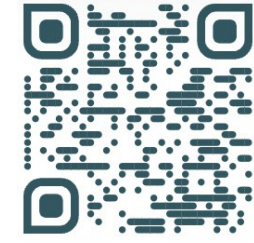


# International Conference on Child-Robot Interaction


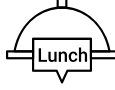

June 21st-23rd 2023

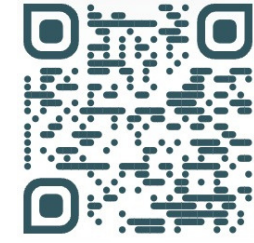
University of Milano-Bicocca, building Agorà (ex U6)

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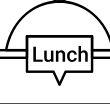



## 21ST JUNE 2023

9.00-10.00	ROOM U6 1C <b>WELCOME &amp; INTRODUCTION</b>	
	ROOM U6-1C	ROOM U6-1D
	ROBOTICS AND INCLUSION	
10.00-10.30	<b>Michela Bogliolo, Filippo Bogliolo and Fiorella Operto</b> <i>Nao: a promising tool for Pediatric Hospitals</i>	
10.30-11.00	<b>Hagen Lehmann, Federica Baroni, Laura Sara Agrati and Marco Lazzari</b> <i>MiRo-E at the Scuola Audiofonetica – Using different didactic approaches for educational robotics</i>	
11.00-11.30		
	EARLY CHILDHOOD AND PRIMARY SCHOOL	UNDERSTANDING ROBOTS
11.30-12.00	<b>Petar Vasilev Lefterov</b> <i>Observing kindergarten children's inferential processes through two proposals: ethology and roboethology in comparison.</i>	<b>Ziggy O'Reilly, Cecilia Roselli and Agnieszka Wykowska</b> <i>Does Exposure to Technological Knowledge Modulate the Adoption of the Intentional Stance Towards Humanoid Robots in Children?</i>
12.00-12.30	<b>Silvia Palmieri, Lucrezia Bano, Giacomo Antonello, Sandro Brignone and Renato Grimaldi</b> <i>Words and images in action: the social robot Nao as a knowledge mediator</i>	<b>Silvia Larghi, Gilda Bozzi, Chiara Merisio and Edoardo Datteri</b> <i>How children understand robots' mind: folk-psychology vs. computational decomposition</i>
12.30-13.00	<b>Gisella Rossini, Federico Manzi, Cinzia Di Dio, Antonella Marchetti and Davide Massaro</b> <i>Playing with robots in a nursery: An observational study</i>	<b>Loredana Addimando, Christian Giang, Luca Botturi, Lucio Negrini and Alberto Piatti</b> <i>Have you ever seen a robot? Exploring on children's mental models.</i>
13.00-14.30		
	NEW TOOLS AND METHODS	THEORETICAL AND METHODOLOGICAL REFLECTIONS
14.30-15.00	<b>Laura Screpanti, David Scaradozzi, Francesca Gratani, Lorella Giannandrea and Pier Giuseppe Rossi</b> <i>AI-based analysis of feedback in student-teacher interaction: a preliminary study</i>	<b>Carmine Tommaso Recchiuto, Alessia Bartolini, Antonio Sgorbissa and Marco Milella</b> <i>Intercultural Robotics Pedagogy: Challenges And Opportunities</i>
15.00-15.30	<b>Laura Leonardi, Maura Sandri, Claudia Mignone and Laura Daricello</b> <i>Developing autonomous learning processes programming with Ozobot</i>	<b>Arianna Marras, Giovanni Bonaiuti and Mirian Agus</b> <i>The potential of the Robotics Interest Questionnaire (RIQ) in the Italian educational context</i>
15.30-16.00	<b>Marta I. Tarrés-Puertas, Montserrat Pedreira Álvarez, Gabriel Lemkow-Tovias and Antonio D. Dorado</b> <i>QUI-BOT-H2O: Child-Robot Interactions linking chemistry and robotics</i>	<b>Arianna Marras, Antioco Luigi Zurrú and Antonello Mura</b> <i>Educational robotics in parents' perceptions</i>
16.00-16.30		
16.30-18.00	ROOM U6-1C <b>INVITED TALK</b> <b>AGNIESZKA WYKOWSKA (ITALIAN INSTITUTE OF TECHNOLOGY)</b> CHAIR: EDOARDO DATTERI (UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA)  <i>Bridging cognitive neuroscience with social robotics to design human-robot interaction protocols for the benefit of children</i>	



22ND JUNE 2023

9.30-11.00	ROOM U6-1C <b>INVITED TALK</b> <b>DIRK IFENTHALER (UNIVERSITY OF MANNHEIM)</b> CHAIR: DAVID SCARADOZZI (UNIVERSITÀ POLITECNICA DELLE MARCHE) <i>Learner-Robotic-Alliances: Reflections on Collaborative Problem Solving</i>	
11.00-11.30		
	ROOM U6-1C	ROOM U6-1D
	ROBOTICS AND GENDER GAP	ROBOTICS, LANGUAGE, LOGIC
11.30-12.00	<b>Alex Barco, Gilda Bozzi, Chiara Merisio, Marta Díaz-Boladeras and Edoardo Datteri</b> <i>Storytelling in a robotics class: does it have an impact on children's interests and attitudes towards technology?</i>	<b>Lucio Negrini, Christian Giang and Masiar Babazadeh</b> <i>What programming language to choose to attract K-12 children and get them interested in programming</i>
12.00-12.30	<b>Elena Liliana Vitti and Margherita Maria Sacco</b> <i>Girls in STEM: robotics to reduce the scientific gender gap</i>	<b>Luca Zanetti, Cristina Coccimiglio, Laura Messini and Margherita Di Stasio</b> <i>Philosophical issues for human exchanges and interaction between humans and machines</i>
12.30-13.00	<b>Silvia Di Battista, Tunahan Sari, Gilda Bozzi and Monica Pivetti</b> <i>Teachers' Gender-Differentiated Attributions in Educational Robotic Classes</i>	<b>Taziana Giusti, Alberto Bacchin, Gloria Beraldo, Silvia Di Battista, Monica Pivetti and Emanuele Menegatti</b> <i>"At School with Pepper": A pilot Study on the Role of Pepper in Learning English as a Second Language</i>
13.00-14.30		
	THEORETICAL AND METHODOLOGICAL REFLECTIONS	SYMPOSIUM DISTANCE TEACHING SKILLS AND MULTIMEDIA RESOURCES Chairs: David Scaradozzi, Laura Screpanti (Università Politecnica delle Marche)
14.30-15.00	<b>Stefana Opria and Mariana Momanu</b> <i>Systematic literature review on digital citizenship education for primary school students</i>	<b>Marek Chodnicki</b> <i>Academic teaching and the challenge of multimodal learning for distance Education: the ETECH project</i>
15.00-15.30	<b>Rosa Gallelli, Loredana Perla, Angela Balzotti, Stefania Massaro, Viviana Vinci and Pasquale Renna</b> <i>Embodied learning: biological-artificial hybridization</i>	<b>Laura Screpanti</b> <i>Trends and tools for personalising Control Systems and Robotics remote and hybrid laboratories</i>
15.30-16.00	<b>Ronny Brusetti, Marco Binda, Daniele Brioschi and Emanuela Scaioli</b> <i>Six-Hands Robotics</i>	<b>Beatrice Miotti</b> <i>Multimedia resources for gender inclusiveness: the experience of the ParTIME project</i>
16.00-16.30	<b>Michele Marangi, Federica Pelizzari and Simona Ferrari</b> <i>Developing skills with educational robotics. Reflections and opportunities from a case study</i>	<b>Fiorella Operto</b> <i>Effective remote experiences of STEM laboratories</i>
16.30-17.00		
	ROBOTICS AND INCLUSION	NEW TOOLS AND METHODS
17.00-17.30	<b>Rita Cersosimo and Valentina Pennazio</b> <i>Educational robotics for inclusive language teaching: theoretical implications and a case study with Ozobot</i>	<b>Franziska Krebs, Fabian Peller-Konrad, Abdelrahman Younes, Fabian Reister, Leonard Bärmann, Pascal Vetter, Nora Weinberger, Martha Loewe, Linda Nierling and Tamim Asfour</b> <i>Making AI Tangible for Children through Humanoid Robots</i>
17.30-18.00	<b>Cristina Gena, Rossana Damiano, Claudio Mattutino, Alessandro Mazzei, Andrea Meirone, Loredana Mazzotta, Matteo Nazzario, Valeria Ricci, Stefania Brighenti, Federica Liscio and Francesco Petriglia</b> <i>Preliminary results of a therapeutic lab for promoting autonomies in autistic children</i>	<b>Igor Guida and Serena Bignamini</b> <i>Paper Robot 3D. A tool for inclusive child-robot interaction from paper to coding.</i>
18.00-18.30	<b>Marek Chodnicki, Wiktoria Wojnicz, Agnieszka Sobierajska-Rek, Katarzyna Forysiak, Michał Mazur and Joanna Jabłońska-Brudło</b> <i>A custom-made wearable device supporting the motor functions of the upper limb in children with Duchenne Muscular Dystrophy</i>	<b>Claudia Mignone, Silvia Galletti, Laura Leonardi, Federico Di Giacomo, Maria Teresa Fulco and Maura Sandri</b> <i>"On board a photon": an educational escape room based on robotics and unplugged coding to discover the journey of light across the Solar System</i>

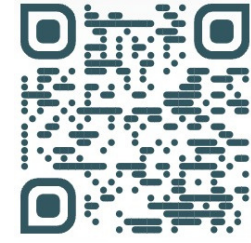


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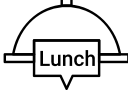

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## 23RD JUNE 2023

11.00-11.30		
	<b>ROOM U6-1C</b>	<b>ROOM U6-1D</b>
	<b>SOCIAL ROBOTICS</b>	<b>SYMPOSIUM</b> "STRINGHE: PICCOLI NUMERI IN MOVIMENTO". A NATIONAL ITALIAN PROJECT COMBINING ROBOTICS AND PSYCHOMOTRICITY AGAINST EDUCATIONAL POVERTY. Chair: Igor Guida (Stripes Digitus Lab)
11.30-12.00	<b>Loredana Perla, Berardina De Carolis, Stefania Massaro, Angela Balzotti and Viviana Vinci</b> <i>Social Robots for Teaching Children Game-based Healthy Nutrition</i>	<b>Igor Guida</b> Introduction
12.00-12.30	<b>Sara Mongile, Giulia Pusceddu, Francesca Cocchella, Linda Lastrico, Giulia Belgiovine, Ana Tanevska, Francesco Rea and Alessandra Sciutti</b> <i>A Conversational Game to Study Social Influence in Humans-Robot Interactions</i>	<b>Serena Bignamini</b> Robots against educational poverty
12.30-13.00	<b>Francesca Cocchella, Giulia Pusceddu, Michela Bogliolo, Linda Lastrico, Giulia Belgiovine, Maura Casadio, Francesco Rea and Alessandra Sciutti</b> <i>The Imitation Game: "Gioca Jouer" as a tool to study social influence in Child-Robot Interaction.</i>	<b>Giovanni Ghidini, Daria Braga</b> <i>The contribution of sports to the profile of the computational thinker</i>
13.00-13.30	<b>Amy Eguchi</b> <i>Japanese Children's Robot-kan - Does Robot Rich Society Nurture Robot Appreciation and Acceptance?</i>	<b>Manuel Gentile, Irene Villa</b> <i>An embodied definition of computational thinking</i>
13.30-15.00		
15.00-16.30	<b>ROOM U6-1C</b> <b>INVITED TALK</b> <b>MARINA BERS (BOSTON COLLEGE)</b> CHAIR: LUISA ZECCA (UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA) <i>Playgrounds vs. Playpens: Coding, Computational Thinking and Robotics in Early Childhood</i>	
16.30-17.00		
17.00-17.30	<b>ROOM U6-1C</b> <b>CONCLUSION</b>	