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| Nota di contenuto | -- Should Robot Arms Be Thicc or Thinn? Examining The Impact of Shape Characteristics on Human Perceptions of Robot Arms. -- Humanoid robots, a future health care service?. -- Reaching and Grasping with NAO robot. -- Theory of Mind Assessment in Human-Robot Interaction. -- Combining control and validity: Context management issues in proactive social robotics research. -- Design Considerations for Applications of Social Robots in the Stuttering Clinic. |

-- Towards knowledge-based utilization of social robotics in renewing welfare services: Case Northern Finland. -- Interaction Matters When It Comes to Hand Disinfection using Robots at Hospitals. -- A Multi-Agent Framework for Upper Limb Mobility through a Gamified Music-Driven System in Social Robotics. -- Posthuman Dance Performance Based on Embodied Mechanical Prosthetics: LUDDITES. -- Robots That Perform Norm-Based Reference Resolution. -- Investigating the Impact of Encouraging Utterances by Conversational Robots on Subjective Well-Being: A 15-Day Sustained Interaction. -- Trust Prediction in Assistive Robotics using Multi-Modal Video Transformers. -- Towards Human-Robot Co-Creative Collaboration Through Interactive Task Dialogue. -- Speech-Guided Sequential Planning for Autonomous Navigation using Large Language Model Meta AI 3 (Llama3). -- Zen Wakarimasen - mobile robot raking a Zen garden in an artistic installation. -- Enhancing Open Conversations Using Visual Percepts From a Socially Assistive Robot – Preliminary Assessmen. -- MiKa - Assistive Humanoid Robot for Metro Passengers. -- Classifying Attention Drops in EEG Signals for ADHD Training with the Virtual Agent Flobi. -- An Epistemic Human-Aware Task Planner which Anticipates Human Beliefs and Decisions. -- Categorizing Robots as Living or Non-living: From Descriptive to Normative Assessments. -- A Framework for Mapping High-Dimensional Perceptual Features into the Low-Dimensional Salient Feature Space of a Social Robot. -- Baby-Robot Interaction: An Observational Analysis of Young Children's Interactions with Robot Cleaners. -- A Semi-Automated Multi-Robot Comedy Performance System: From Script to Performance. -- The Impact of Perceived Risk on Trust in Human-Robot Interaction. -- "Novel Roboting": A Playful Learning Approach to Digital Literacy in Early Childhood Education through Story-Tinkering and Computational Play with Robots. -- A dual-control dialogue framework for human-robot interaction data collection: integrating human emotional and contextual awareness with conversational AI. -- A Case Study on Robot Sound Design for a Sidewalk Delivery Robot. -- Exploring Human Attribution of Emotional Intent to Motion Features in a Humanoid Robot. -- Clinician Perspectives on Autonomy and Trust in Robots for Pediatric Intervention. -- Dude, Where's My Robot Voice? Sometimes More Robotic is Better in Social Robot Speech Generation. -- Overtrusting a simple Non-humanoid Robot in a training process. -- An EEG Benchmark Dataset for Data-Driven Trust Assessment in Social HRI. -- Evaluating Robot Influence on Pedestrian Behavior Models for Crowd Simulation and Benchmarking. -- reMap: Spatially-grounded and Queryable Semantics for Interactive Robots. -- Social, but Still Uncanny. -- Social Robots as Physical Education Instructors for Primary School Pupils: Exploration of Child-Robot Interaction at a Summer Camp. -- Exploring Children's Strategies in Response to Robot's Advice during a Group Task with iCub and Nao. -- Apples and oranges: validity and reliability of the three main anthropomorphism measures. -- Agent-Exploitation Affordances: From Basic to Complex Representation Patterns. -- From Functional Affordances to Reciprocal Dispositions: An Ontological Representation. -- Envision a future of living with robots through participatory theatre: A field report. -- Child Speech Recognition in Human-Robot Interaction: Problem Solved?. -- Follow Me: A Study on the Dynamics of Alignment Between Humans and LLM-based Social Robots. -- Off my Chest with my Robot? The Influence of Psychological Ownership on Self-Disclosure to a Robot.

Sommario/riassunto

The 3-volume set LNAI 15561-15563 constitutes the refereed proceedings of the 16th International Conference on Social Robotics, ICSR + AI 2024, held in Odense, Denmark, during October 23–26,

2024. The 109 full papers and 19 short papers included in the proceedings were carefully reviewed and selected from 182 submissions. The theme of this year's conference was "Empowering Humanity: The Tole of Social and Collaborative Robotics in Shaping Our Future". The contributions focus on social robotics and AI across the domains of the visual and performing arts, including design, music, live performance, and interactive installations.
