

## Tuesday - March 4

8:30 Registration opens

9:00 Welcome

9:30 KEYNOTE

Julie A. Adams - Human-Robot Teaming Directions for Dull, Dirty, and Dangerous Domains

10:30 Coffee break

10:55 SESSION 1A Human-Robot Collaboration

- 10:55 Understanding Preferred Robot Reaction Times for Human-Robot Handovers Supported by a Deep Learning System
  - Jan Leusmann, Ludwig Felder, Chao Wang, Sven Mayer
- 11:06 Tactile-based Dual-arm Manipulation with Physical Human-Robot Interaction
  - Wenlan Shen, Simon Armleder, Gordon Cheng
- 11:17 Implicit Communication in Human-Robot Collaborative Transport
  - Elvin Yang, Christoforos Mavrogiannis
- 11:28 Minding the Stop-gap: Attending to the "Temporary," Unplanned, and Added Work of Human-Robot Collaboration in Context
  - Hee Rin Lee, Sarah Fox, EunJeong Cheon, Samantha Shorey
- 11:39 Who is Supporting Whom? Balanced and Unbalanced Support Perceptions Shaping Acceptance of Collaborative Robots
  - Federica Nenna, Egle Maria Orlando, Davide Zanardi, Giulia Buodo, Luciano Gamberini
- 11:50 Exploring Interaction Concepts for the Manipulation of a Collaborative Robot: A Comparative Study
  - Josefine Schreiter, Tonia Mielke, Marilena Georgiades, Maciej Pech, Christian Hansen, Florian Heinrich

10:55 SESSION 1B Sound, Voices, Smells

- 10:55 The *Beatbots*: A Musician-Informed Multi-Robot Percussion Quartet
  - Isabella Pu, Jeff Snyder, Naomi E. Leonard
- 11:06 Embodied Composition for Imagining Robotic Sound Space
  - Stine Johansen, Yanto Browning, Anthony Brumpton, Jasper Vermeulen, Wei Win Loy, Jared Donovan, Markus Rittenbruch
- 11:17 Automated Generation of Emotion-conveying Sounds for Robots
  - Alaa Abboud, Barbara Bruno

- 11:28 Sound Judgment: Properties of Consequential Sounds Affecting Human-Perception of Robots
  - Aimee Allen, Tom Drummond, Dana Kulić
- 11:39 Sketching Robots: Exploring the Influence of Gender-Ambiguous Voices on Robot Perception
  - Martina De Cet, Miriam Sturdee, Mohammad Obaid, Ilaria Torre
- 11:50 Exploring the Use of Smell in Social Interaction via Robot Avatars
  - Harufumi Nakashima, Dražen Brščić, Takayuki Kanda

12:00 Lunch

13:00 SESSION 2A Beyond In-Lab Interactions (+ Short Contributions)

- 13:00 Analyzing Previous Human-Robot Interaction Implementation in Agriculture: What Can We Learn from the Past?
  - Alex Elias, Maria Galvez Trigo, Tania Carolina Camacho-Villa
- 13:11 "Assistant or Replacement?" A Socio-Technical Exploration of Robots in Underwater Archaeology
  - Huanshu Jiang, Wanlin Zhang
- 13:22 "A Robot's Life is Over When People Give Up": Socio-technical Infrastructure for Sustaining Consumer Robots
  - Waki Kamino, Selma Šabanović, Malte Jung
- 13:33 Making Sense of Public Space for Robot Design
  - Hannah Pelikan, Bilge Mutlu, Stuart Reeves
- 13:44 Beyond the User: Mapping Subject Positions for Robots in Public Spaces
  - Anna Dobrovestnova, Franziska Babel, Hannah Pelikan
- 13:55 Exploring the Use of Robots for Diary Studies
  - Michael Xu, Bilge Mutlu
- 14:06 What Drives You to Interact?: The Role of User Motivation for a Robot in the Wild
  - Amy Koike, Yuki Okafuji, Kenya Hoshimure, Jun Baba
- 14:17 SHORT CONTRIBUTIONS flash talks
  - Speaking with Robots in Noisy Environments
    - Shubham Ojha, Felix Gervits, Carol Espy-Wilson
  - Effects of Different Demographics when Evaluating Interactive Robot-Empowered Language Learning in Human-Robot Interaction
    - Kwong Chiu Fung, Ka Yan Fung, Sin Kuen Fung, Lui Tze Leung, Wai Ho Mow
  - ChildACT: Child Action Recognition Dataset in RGB Data
    - Anara Sandygulova, Andrey Yershov, Aida Zhanatkyzy, Zhansaule Telisheva
  - NatSGLD: A Dataset with Speech, Gesture, Logic, and Demonstration for Robot Learning in Natural Human-Robot Interaction

- Snehesh Shrestha, Yantian Zha, Saketh Narayan Banagiri, Ge Gao, John Aloimonos, Cornelia M Fermuller
  - Capabilities<sup>2</sup> for ROS2: Advanced Skill-Based Control for Human-Robot Interaction
    - Michael Philip Pritchard, Kalana Vidurath Ratnayake Ratnayake Mudiyansele, Buddhi Chamikara Gamage, Maleen Jayasuriya, Damith Herath
- 14:32 INDUSTRY SHORT TALK: TBD

### 13:00 SESSION 2B Teleoperation and Shared Autonomy (+ Short Contributions)

- 13:00 SHORT CONTRIBUTIONS flash talks
  - A Landmark-Aware Visual Navigation Dataset for Map Representation Learning
    - Faith Johnson, Kristin Data, Bryan Bo Cao, Shubham Jain, Ashwin Ashok
  - THÖR-MAGNI Act: Actions for Human Motion Modeling in Robot-Shared Industrial Spaces
    - Tiago Rodrigues de Almeida, Tim Schreiter, Andrey Rudenko, Luigi Palmieri, Johannes A. Stork, Achim J. Lilienthal
  - GAIPAT - Dataset on Human Gaze and Actions for Intent Prediction in Assembly Tasks
    - Maxence Grand, Damien Pellier, Francis Jambon
  - ROSAnnotator: A Web Application for ROSBag Data Analysis in Human-Robot Interaction
    - Yan Zhang, Haoqi Li, Ramtin Tabatabaei, Wafa Johal
  - HUD-SUMO: Simulacra of In-Vehicle Head-Up Displays Using SUMO To Study Large-Scale Effects
    - Pascal Jansen, Mark Colley, Elisabeth Wimmer, Jan Maresch, Enrico Rukzio
- 13:15 Sketch Interface for Teleoperation of Mobile Manipulator to Enable Intuitive and Intended Operation: A Proof of Concept
  - Yuka Iwanaga, Masayoshi Tsuchinaga, Kosei Tanada, Yuji Nakamura, Takemitsu Mori, Takashi Yamamoto
- 13:26 Using Fitts' Law to Benchmark Assisted Human-Robot Performance
  - Jiahe Pan, Jonathan Eden, Denny Oetomo, Wafa Johal
- 13:37 Giving Sense to Inputs: Toward an Accessible Control Framework for Shared Autonomy
  - Shalutha Rajapakshe Mudiyansele, Jean-Marc Odobez, Emmanuel Senft
- 13:48 Toward Zero-Shot User Intent Recognition in Shared Autonomy
  - Atharv Belsare, Zohre Karimi, Connor Mattson, Daniel Brown

- 13:59 Shared Autonomy for Proximal Teaching
  - Megha Srivastava, Reihaneh Iranmesh, Yuchen Cui, Deepak Gopinath, Emily Sumner, Andrew Silva, Laporsha Dees, Guy Rosman, Dorsa Sadigh
- 14:10 LAMS: LLM-Driven Automatic Mode Switching for Assistive Teleoperation
  - Yiran Tao, Jehan Yang, Dan Ding, Zackory Erickson
- 14:21 Designing Telepresence Robots to Support Place Attachment
  - Yaxin Hu, Anjun Zhu, Catalina Toma, Bilge Mutlu
- 14:32 INDUSTRY SHORT TALK: TBD

14:35 EXHIBITS 1: LBR, Short Contributions, SDC, Demos + Coffee break  
(poster/exhibit schedule coming soon)

15:30 Panel on <TBD>

16:30 Break

16:45 SESSION 3A Robot Motion

- 16:45 INDUSTRY TALK: TBD
- 16:56 Understanding Expectations for a Robotic Guide Dog for Visually Impaired People
  - Joanne Kim, Morgan Byrd, Jack Crandell, Bruce Walker, Greg Turk, Sehoon Ha
- 17:07 Look Further: Socially-Compliant Navigation System in Residential Buildings
  - Akira Shiba, Marina Obata, Nathan Kau, Zoltan Beck, Rishi Shah, Michael Sudano, Sabrina Lee
- 17:18 "Hello, I'm Delivering. Let Me Pass By": Navigating Public Pathways with Walk-along with Robots in Crowded City Streets
  - EunJeong Cheon, Do Yeon Shin
- 17:29 Don't Just Stop Here! Human-Inspired Solutions for Sudden Robot Stops
  - Kanghui Du, Dražen Brščić, Takayuki Kanda
- 17:40 In Search of a Lost Metric: Empowerment as a Pillar of Socially Conscious Navigation
  - Vasanth Reddy Baddam, Behdad Chalaki, Vaishnav Tadiparthi, Hossein Nourkhiz Mahjoub, Ehsan Moradi Pari, Hoda Eldardiry, Almuatazbella Boker
- 17:51 The Human-Robot Ensemble: Designing Expressive Movements for Restaurant Service Robots
  - Hyunmin Lee, Nazli Cila, Klaas Koerten, Maaike Bleeker, Marco C. Rozendaal

## 16:45 SESSION 3B Interactions with Children and Teenagers

- 16:45 Towards Inclusive Co-creative Child-robot Interactions
  - Safinah Ali, Ayat Abodayeh, Zahra Dhuliawala, Cynthia Breazeal, Hae Won Park
- 16:56 Fitting Humor: Age-Based Personalization for Shaping Relatable Child-Robot Interactions
  - Elena Malnatsky, Mike Lighthart
- 17:07 The Heartbeat of Engagement: Exploring Young Children's Interactions with a Reading Pen, Robot, and Human through Physiological Signals
  - Zhao Zhao, Rhonda McEwen
- 17:18 The Child-Robot Relational Norm Intervention to Promote Correct Handwriting Posture for Children
  - Chenyang Wang, Daniel Tozadore, Barbara Bruno, Pierre Dillenbourg
- 17:29 Socially Sustainable HRI for Underrepresented Communities: Case Study of Language Learning of Arab Children in Israel
  - Amna Abu-Mukh, Einat Gonen, Goren Gordon
- 17:40 Leveraging Social Robots to Promote Hand Hygiene: A Cross-Cultural and Socio-Economic Study of Children in Diverse School Settings
  - Amol Deshmukh, Emily Cross, Mary Ellen Foster
- 17:51 Young Carers on Social Robots: Introducing Teenagers as Informal Caregivers to HRI
  - Laetitia Tanqueray, Chris Papadopoulos, Stefan Larsson, Katie Winkle

## Wednesday - March 5

8:30 Registration open

9:00 KEYNOTE Randy Gomez - Developing Robots for Society

10:00 EXHIBITS 2: LBR, Pioneers, Demos + Coffee break  
(poster/exhibit schedule coming soon)

## 10:55 SESSION 4A Trust and Safety

- 10:55 Take a Chance on Me: How Robot Performance and Risk Behaviour Affects Trust and Risk-taking
  - Rebecca Stower, Anna Gautier, Maciej Wozniak, Patric Jensfelt, Jana Tumova, Iolanda Leite

- 11:06 What Do the Face and Voice Reveal? Investigating Trust Dynamics During Human-Robot Interaction
  - Abdullah Alzahrani, Jauwairia Nasir, Ahmad Tayeb, Elisabeth André, Muneeb Ahmad
- 11:17 Repairing Trust in Robots?: A Meta-analysis of HRI Trust Repair Studies with A No-Repair Condition
  - Connor Esterwood, Lionel Robert
- 11:28 The Perceived Danger (PD) Scale: Development and Validation
  - Jaclyn Molan, Laura Saad, Eileen Roesler, J. Malcolm McCurry, Nathaniel Gyory, Greg Trafton
- 11:39 Somatic Safety: An Embodied Approach Towards Safe Human-Robot Interaction
  - Steven Benford, Eike Schneiders, Juan Martinez Avila, Praminda Caleb-Solly, Patrick Brundell, Simon Castle-Green, Feng Zhou, Rachael Garrett, Kristina Höök, Sarah Whatley, Kate Marsh
- 11:50 Enabling Safe, Active and Interactive Human-Robot Collaboration via Smooth Distance Fields
  - Usama Ali, Fouad Sukkar, Adrian Mueller, Lan Wu, Cedric Le Gentil, Tobias Kaupp, Teresa Vidal-Calleja

#### 10:55 SESSION 4B Groups and Teams

- 10:55 Raising Stars: Influences of Robotic Peer Liking on Emergent Leadership
  - Elier Carsenti, Adi Manor, Agam Oberlender, Avi Parush, Hadas Erel
- 11:06 Templates and Graph Neural Networks for Social Robots Interacting in Small Groups of Varying Sizes
  - Sarah Gillet, Sydney Thompson, Iolanda Leite, Marynel Vázquez
- 11:17 Social Group Human-Robot Interaction: A Scoping Review of Computational Challenges
  - Massimiliano Nigro, Emmanuel Akinrintoyo, Nicole Salomons, Micol Spitale
- 11:28 Impact of Cultural Differences and Politeness on Joining Groups of Humans, Robots, and Virtual Characters
  - Sahba Zojaji, Yukiko Nakano, Christopher Peters
- 11:39 Group Decision-Making in Robot Teleoperation: Two Heads are Better Than One
  - Duc-An Nguyen, Raunak Bhattacharyya, Clara Colombatto, Stephen M Fleming, Ingmar Posner, Nick Hawes
- 11:50 Rapidly Built Medical Crash Cart! Lessons Learned and Impacts on High-Stakes Team Collaboration in the Emergency Room
  - Angelique Taylor, Tauhid Tanjim, Michael Sack, Maia Hirsch, Kexin Cheng, Kevin Ching, Jonathan St. George, Thijs Roumen, Malte Jung, Hee Rin Lee

12:00 Lunch

## 13:00 SESSION 5A Extended Reality (XR) (+ Short Contributions)

- 13:00 INDUSTRY TALK: TBD
- 13:11 Mixed Reality Outperforms Virtual Reality for Remote Error Resolution in Pick-and-Place Tasks
  - Advay Kumar, Stephanie Simangunsong, Pamela Carreno-Medrano, Akansel Cosgun
- 13:22 Anywhere Projected AR for Robot Communication: A Mid-Air Fog Screen-Robot System
  - Adrian Lozada, Uthman Tijani, Villa Keth, Hong Wang, Zhao Han
- 13:33 MARCER: Multimodal Augmented Reality for Composing and Executing Robot Tasks
  - Bryce Ikeda, Maitrey Gramopadhye, LillyAnn Nekervis, Daniel Szafir
- 13:44 Investigating AR Assistance for Human-Robot Collaboration in Mould Assembly "in the Wild"
  - Rasmus Skovhus Lunding, Tiare Feuchtner, Kaj Grønbæk
- 13:55 A Technical User Study on an Authoring Tool for Simplifying VR Study Setups in HRI Research
  - Andre Helgert, Sabrina Eimler, Tom Gross
- 14:06 Virtually the Same or Realistically Different?: A Meta-analysis of Real vs. 'Not So Real' Robots
  - Connor Esterwood, Ruijia Guan, Xin Ye, Lionel Robert
- 14:17 SHORT CONTRIBUTIONS flash talks
  - Injecting Conflict Situations in Autonomous Driving Simulation using CARLA
    - Tsvetomila Mihaylova, Stefan Reitmann, Elin Anna Topp, Ville Kyrki
  - UAM-SUMO: Simulacra of Urban Air Mobility Using SUMO To Study Large-Scale Effects
    - Mark Colley, Julian Czymmeck, Pascal Jansen, Luca-Maxim Meinhardt, Patrick Ebel, Enrico Rukzio
  - A Multimodal Dataset for Enhancing Industrial Task Monitoring and Engagement Prediction
    - Naval Kishore Mehta, Arvind, Himanshu Kumar, Abeer Banerjee, Summet Saurav, Sanjay Singh
  - Phantom Costs in Human-Robot Interaction: A Replication Study
    - Benjamin Lebrun, Christoph Bartneck, Andrew J. Vonasch
  - REFLEX Dataset: A Multimodal Dataset of Human Reactions to Robot Failures and Explanations
    - Parag Khanna, Andreas Naoum, Elmira Yadollahi, Mårten Björkman, Christian Smith
- 14:32 INDUSTRY SHORT TALK: TDB

## 13:00 SESSION 5B Robot Design (+ Short Contributions)

- 13:00 SHORT CONTRIBUTIONS flash talks
  - Learning Nonverbal Cues in Multiparty Social Interactions for Robotic Facilitators
    - Antonio L. Martin-Ozimek, Isuru Jayarathne, Su Larb Mon, Jouh Yeong Chew
  - An Interaction Specification Language for Robot Application Development
    - David Porfirio, Mark Roberts, Laura Hiatt
  - AURORA: A Platform for Advanced User-driven Robotics Online Research and Assessment
    - Phillip Richter, Markus Rothgänger, Arthur Maximilian Noller, Sven Wachsmuth, Heiko Wersing, Anna-Lisa Vollmer
  - VDB-based Spatially Grounded Semantics for Interactive Robots
    - Lorenzo Ferrini, Séverin Lemaignan
  - The Wilhelm Tell Dataset of Affordance Demonstrations
    - Rachel Ringe, Mihai Hawkin, Nikolaos Tsiogkas, Stefano De Giorgis, Maria Hedblom, Rainer Malaka
- 13:15 Eliciting Understandable Architectonic Gestures for Robotic Furniture through Co-Design Improvisation
  - Alex Binh Vinh Duc Nguyen, Jan Leusmann, Sven Mayer, Andrew Vande Moere
- 13:26 Adaptive Affordance Design for Social Robots: Tailoring to Role-Specific Preferences
  - Guanyu Huang, Roger Moore
- 13:37 The Design of On-Body Robots for Older Adults
  - Victor Antony, Clara Jeon, Jiasheng Li, Ge Gao, Huaishu Peng, Anastasia Ostrowski, Chien-Ming Huang
- 13:48 PODER: A Robot Programming Framework to Further Inclusion of People with Mild Cognitive Impairment in HRI Research
  - Dagoberto Cruz-Sandoval, Michele Murakami, Alyssa Kubota, Laurel D. Riek
- 13:59 Soft and Compliant Contact-rich Hair Manipulation and Care
  - Uksang Yoo, Nathaniel Dennler, Eliot Xing, Maja Matarić, Stefanos Nikolaidis, Jeffrey Ichnowski, Jean Oh
- 14:10 Design of a Lightweight Modular Cable-Driven Actuator for Enhanced Versatility in Soft Wearable Robotics
  - Gyowook Shin, Junghoon Park, Dong Hyun Kim, Sang-Hun Kim, Chiyul Yoon, Yongtae Kim, Jung-sik Hwang, Seungyong Hyung, Minhyung Lee
- 14:21 METAMORPH -- A Metamodelling Approach For Robot Morphology
  - Rachel Ringe, Robin Nolte, Nima Zargham, Robert Porzel, Rainer Malaka
- 14:32 INDUSTRY SHORT TALK: TBD

14:35 EXHIBITS 3 LBR, Short, SDC, Demos + Coffee break



(poster/exhibit schedule coming soon)

#### 15:30 SESSION 6A Assistive Robots and Human Wellbeing

- 15:30 Trauma-Informed Insights from Co-Design of Self-Disclosure Robots with Domestic Abuse Survivors
  - Nyomi Morris, Tom Williams, Ben Jelen
- 15:41 Robot-Initiated Social Control of Sedentary Behavior: Comparing the Impact of Relationship- and Target-Focused Strategies
  - Jiaxin Xu, Sterre van der Horst, Chao Zhang, Raymond Cuijpers, Wijnand Ijsselstein
- 15:52 Choosing Robot Feedback Style to Optimize Human Exercise Performance
  - Roshni Kaushik, Rayna Hata, Aaron Steinfeld, Reid Simmons
- 16:03 CART-MPC: Coordinating Assistive Devices for Robot-Assisted Transferring with Multi-Agent Model Predictive Control
  - Ruolin Ye, Shuaixing Chen, Yunting Yan, Joyce Yang, Christina Ge, Jose Barreiros, Kate Tsui, Tom Silver, Tapomayukh Bhattacharjee
- 16:14 More Than Automation: User Insights into the Functionality and Interface of Wheelchair-Mounted Robotic Arms
  - Lesong Jia, Breelyn Styler, Na Du
- 16:25 GRACE: Generalizing Robot-Assisted Caregiving with User Functionality Embeddings
  - Ziang Liu, Yuanchen Ju, Yu Da, Tom Silver, Pranav Thakkar, Jenna Li, Justin Guo, Katherine Dimitropoulou, Tapomayukh Bhattacharjee
- 16:36 Lessons Learned from Designing and Evaluating a Robot-assisted Feeding System for Out-of-lab Use
  - Amal Nanavati, Ethan Gordon, Taylor Kessler Faulkner, Yuxin Ray Song, Jonathan Ko, Tyler Schrenk, Vy Nguyen, Bernie Hao Zhu, Haya Bolotski, Sriram Kutty, Atharva Kashyap, Raida Karim, Liander Rainbolt, Rosario Scalise, Hanjun Song, Yiren Qu, Maya Cakmak, Siddhartha Srinivasa

#### 15:30 SESSION 6B alt.HRI

- 15:30 Gendering Robots in Human-Robot Interaction: An Interdisciplinary Approach
  - Neziha Akalin, Maria Arnelid, Katherine Harrison
- 15:41 RoboCup Soccer Autonomy Uprising: How Crowds, Referees, and Humanoid Robots Are Redefining the Future of Human-Robot Interaction
  - Filippo Sanfilippo, Timothy Wiley, Rebekah Rousi
- 15:52 Improvising Interaction: Toward Applied Improvisation Driven Social Robotics Theory and Education
  - Tom Williams
- 16:03 RoboLeaks: Non-strategic Cues for Leaking Deception in Social Robots
  - Raffaella Esposito, Alessandra Rossi, Michaela Ponticorvo, Silvia Rossi

- 16:14 Robots from Nowhere: A Case Study in Speculative Sociotechnical Design and Design Fiction for Human-Robot Interaction
  - Katie Winkle
- 16:25 Understanding contextual framing: A nonessentialist perspective on social interactions with technological artifacts
  - Victor Kaptelinin, Kevin Dalli
- 16:36 *disarming II*
  - Emanuel Gollob, Magdalena May, Amir Bastan, Johannes Braumann

16:46 Break

17:00 ACM ATHENA LECTURE

Maja Matarić

## Thursday - March 6

8:30 Registration open

9:00 KEYNOTE Yolande Strengers - Creating Sustainable Life Worlds with Robots

10:00 EXHIBITS 4 LBR, Pioneers, Demos + Coffee break  
(poster/exhibit schedule coming soon)

10:55 SESSION 7A Robot Transparency and Expressiveness

- 10:55 INDUSTRY TALK: TBD
- 11:06 What Can You Say to a Robot? Capability Communication Leads to More Natural Conversations
  - Merle Reimann, Koen Hindriks, Florian Kunneman, Catharine Oertel, Gabriel Skantze, Iolanda Leite
- 11:17 Questioning the Robot: Using Human Non-verbal Cues to Estimate the Need for Explanations
  - Dimosthenis Kontogiorgos, Julie Shah
- 11:28 Excuse My Explanations: Integrating Excuses and Model Reconciliation for Actionable Explanations
  - Turgay Caglar, Zahra Zahedi, Sarath Sreedharan
- 11:39 Communicating Physical Properties through Robot Object Manipulation
  - Xiang Pan, Malcolm Doering, Stela Seo, Takayuki Kanda
- 11:50 Exploring the Effects of Emotion Appropriateness on User Perception: A Delivery Drone Case Study

- Viviane Herdel, Yisrael Parmet, Jessica Cauchard

#### 10:55 SESSION 7B Humans Teaching Robots

- 10:55 ImageInThat: Manipulating Images to Convey User Instructions to Robots
  - Karthik Mahadevan, Blaine Lewis, Jiannan Li, Bilge Mutlu, Anthony Tang, Tovi Grossman
- 11:06 Enabling End Users to Program Robots Using Reinforcement Learning
  - Tewodros Ayalew, Jennifer Wang, Michael Littman, Blase Ur, Sarah Sebo
- 11:17 Contrastive Learning from Exploratory Actions: Leveraging Natural Interactions for Preference Elicitation
  - Nathaniel Dennler, Stefanos Nikolaidis, Maja Matarić
- 11:28 Effects of Robot Competency and Motion Legibility on Human Correction Feedback
  - Shuangge Wang, Anjiabei Wang, Sofiya Goncharova, Brian Scassellati, Tesca Fitzgerald
- 11:39 Human Demonstrations Enable Efficient Solutions to Sequential Manifold Planning Problems
  - Breanne Crockett, Carl Mueller, Bradley Hayes
- 11:50 Active Robot Curriculum Learning from Online Human Demonstrations
  - Muhan Hou, Koen Hindriks, Guszti Eiben, Kim Baraka

#### 12:00 Lunch

#### 13:00 SESSION 8A Verbal Communication

- 13:00 "See You Later, Alligator": Impacts of Robot Small Talk on Task, Rapport, and Interaction Dynamics in Human-Robot Collaboration
  - Kaitlynn Taylor Pineda, Ethan Brown, Chien-Ming Huang
- 13:11 Comparing Monolingual and Bilingual Social Robots as Conversational Practice Companions in Language Learning
  - Alireza M. Kamelabad, Elin Inoue, Gabriel Skantze
- 13:22 A Robot Dynamically Asking Questions in University Classes
  - Shunichiro Ito, Kanae Kochigami, Takayuki Kanda
- 13:33 NeuroEngage: A Multimodal Dataset Integrating fMRI for Analyzing Conversational Engagement in Human-Human and Human-Robot Interactions
  - Ekaterina Torubarova, Caroline Arvidsson, Jonathan Berrebi, Julia Uddén, Andre Pereira
- 13:44 Applying General Turn-taking Models to Conversational Human-Robot Interaction
  - Gabriel Skantze, Bahar Irfan
- 13:55 Connection-Coordination Rapport (CCR) Scale: A Dual-Factor Scale to Measure Human-Robot Rapport

- Ting-Han Lin, Hannah Dinner, Tsz Long Leung, Bilge Mutlu, Greg Trafton, Sarah Sebo
- 14:06 INDUSTRY SHORT TALK: TBD

#### 13:00 SESSION 8B Agency, Power, and Morality

- 13:00 The Sense of Agency in Assistive Robotics Using Shared Autonomy
  - Maggie Collier, Rithika Narayan, Henny Admoni
- 13:11 Did the Robot Really Intend to Harm Me? The Effect of Perceived Agency and Intention on Fairness Judgements
  - Houston Claire, Inyoung Shin, Greg Trafton, Marynel Vázquez
- 13:22 Balancing User Control and Perceived Robot Social Agency through the Design of End-User Robot Programming Interfaces
  - Alex Wuqi Zhang, Rafael Queiroz, Sarah Sebo
- 13:33 Power Dynamics and Autonomy: Engaging Employees around the Design of Autonomous Agents
  - Anastasia Ostrowski, Lucy Gunther, Daniella DiPaola, Cynthia Breazeal
- 13:44 Perceived Morality of Robot and Human Transgressors Varies By Perceived Ability to Feel
  - Nicholas Georgiou, Teresa Flanagan, Brian Scassellati, Tamar Kushnir
- 13:55 Scammed By Robots: Can Deception by Two Simple Non-Humanoid Robots Shape General Attitudes toward Robots?
  - Nevo Heimann Saadon, Benny Megidish, Hadas Erel
- 14:06 INDUSTRY SHORT TALK: TBD

#### 14:09 Videos + Coffee break

- Envisioning Individualized Fashion Remanufacturing: Empowering Non-Experts through Visualization-Enhanced Human-Multi-Robot Interaction
  - Emanuel Gollob, Amir Bastan, Johannes Braumann, Christiane Luible-Baer
- Elasto-Plastic Robot Compliance in Human-Robot Interaction and Robot-Robot Cooperation
  - Michael Panzirsch, Harsimran Singh, Thomas Hulin
- An Exploratory Study on the Use of Robot Dogs in Shepherding
  - Roopika Ravikanna, Jonathan Cox, James Heselden, Rob Lloyd, Alex Elias, Marc Hanheide
- A Novel Violin Playing Robot for South Indian Classical Music
  - Raghavasimhan Sankaranarayanan, Gil Weinberg
- Is the Earth Flat? Mythbusting With HRI
  - Joey Back, Peter Cheong, Ho Seok Ahn

#### 14:40 SESSION 9A Non-verbal Communication and Emotion

- 14:40 Gazing at Failure: Investigating Human Gaze in Response to Robot Failure in Collaborative Tasks
  - Ramtin Tabatabaei, Vassilis Kostakos, Wafa Johal
- 14:51 Gaze Behavior During a Long-Term, In-Home, Social Robot Intervention for Children with ASD
  - Rebecca Ramnauth, Frederick Shic, Brian Scassellati
- 15:02 Xpress: Generating Dynamic, Context-Aware Robot Facial Expressions Using Language Models
  - Victor Antony, Maia Stiber, Chien-Ming Huang
- 15:13 Exploring Robot Personality Traits and Their Influence on User Affect and Experience
  - Alex Wuqi Zhang, Clark Kovacs, Liberto de Pablo, Chenjia (Justin) Zhang, Maggie Bai, Sooyeon Jeong, Sarah Sebo
- 15:24 Who's Better? Exploring the Effects of Social Comparison in HRI on Self-Esteem and Self-Efficacy
  - Gal Yaar, Hadas Erel
- 15:35 Social Robots as Social Proxies for Fostering Connection and Empathy Towards Humanity
  - Jocelyn Shen, Audrey Lee, Sharifa Alghowinem, River Adkins, Cynthia Breazeal, Hae Won Park

#### 14:40 SESSION 9B THRI Papers

- 14:40 The Power of Robot-mediated Play: Forming Friendships and Expressing Identity
  - Verónica Ahumada-Newhart, Margaret Schneider, Laurel D. Riek
- 14:51 Robots as Mental Well-being Coaches: Design and Ethical Recommendations
  - Minja Axelsson, Micol Spitale, Hatice Gunes
- 15:02 A Framework to Design Engaging Interactions in Socially Assistive Robots to Mitigate Dementia-Related Symptoms
  - Dagoberto Cruz-Sandoval, Monica Tentori, Jesus Favela
- 15:13 Longitudinal Study of Mobile Telepresence Robots in Older Adults' Homes: Uses, Social Connection, and Comfort with Technology
  - Jennifer M. Rheman, Rune P. Baggett, Martin Simecek, Marlena R. Fraune, Katherine M. Tsui
- 15:24 OmniCharger: CNN-Based Hand Gesture Interface to Operate an Electric Car Charging Robot through Teleconference
  - Miguel Altamirano Cabrera, Viktor Rakhmatulin, Aleksey Fedoseev, Oleg Sautenkov, Oussama Alyounes, Andrei Puchkov, Dzmitry Tsetserukou
- 15:35 15 Years of (Who)man Robot Interaction: Reviewing the H in Human-Robot Interaction
  - Katie Winkle, Erik Lagerstedt, Ilaria Torre, Anna Offenwanger

15:45 Break

16:00 Panel on Sustainability

17:00 Awards and Closing

17:30 Townhall