**10th International Conference on Human-Agent Interaction   
5-8 December 2022   
University of Canterbury, New Zealand.**

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**WiFi Network for the conference:**

WiFi Name: UCvisitor  
Login: uc7654  
Password: 415101

**Monday, December 5th: HAI Workshop Day**

Information about the workshops is available at   
https://sites.google.com/view/chai-workshop22

**Tuesday, December 6th**

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| **Time** | **Session** | **Location** | **Authors** |
| 08:30 | **Conference Opening** |  |  |
| 09:00 | **Keynote**: Who would you like to deliver your healthcare? | Rehua 102 | Elizabeth Broadbent |
| 10:00 | **Break** | Rehua 103 |  |
| 10:45 – 11:45 | **Session 1: Applications and Human Perceptions**  *Chair: Friederike Eyssel* | Rehua 102 |  |
| 10:45 | Older Adults’ Perception of the Furhat Robot | Rehua 102 | Sofia Thunberg  Maria Arnelid  Tom Ziemke |
| 11:05 | Does media format matter? Investigating the toxicity, sentiment and topic of audio versus text social media messages | Rehua 102 | Jamy Li  Karen KP  Penaranda Valdivia |
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| 11:25 |  |  |  |
| 11:45 | **Lunch** | Rehua 103 |  |
| 13:30 – 14:50 | **Session 2: Assistants and Dialogue**  *Chair: Yugo Takeuchi and Divesh Lala* | Rehua 102 |  |
| 13:30 | Perceptions of the Helpfulness of Unexpected Agent Assistance | Rehua 102 | Kate Candon  Zoe Hsu  Yoony Kim  Jesse Bin Chen Nathan Tsoi  Marynel Vázquez |
| 13:50 | The Effect of the Repetitive Utterances Complexity on User’s Desire to Continue Dialogue by a Chat-oriented Spoken Dialogue System | Rehua 102 | Jie Yang  Hirofumi Kikuchi Takatsugu Uegaki  Kaito Moriki Hideaki Kikuchi |
| 14:10 | Mixed-Cultural Speech for Intelligent Virtual Agents – the Impact of different Non-Native Accents using Natural or Synthetic Speech in the English Language | Rehua 102 | David Obremski  Paula Friedrich Helena Babette Hering  Birgit Lugrin |
| 14:30 | **Poster Teasers – Session 1 & 2** |  |  |
| 15:30 | **Posters Session 1 – with Coffee** (first half until 16:15, posters of the Tech Session, second half, posters of the User Qualities) | Rehua 103 |  |
| 17:00 | **Reception** | Rehua 103 |  |

**Wednesday, December 7th**

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| 09:00 | **Keynote:** A very simple design for a very intelligent machine (but with a catch) | Rehua 102 | Doug Campbell |
| 10:00 | **Break** | Rehua 103 |  |
| 10:20 | **Session 3: Frameworks, Models, and Decisions**  *Chair: Marynel Vazquez and Daisuke Katagami* | Rehua 102 |  |
| 10:20 | User Involvement in Training Smart Home Agents | Rehua 102 | Leonie Nora Sieger, Julia Hermann, Astrid Schomäcker  Stefan Heindorf, Christian Meske, Celine-Chiara, Hey  Aysegül Dogangün |
| 10:40 | Let’s Play Against Each Other! The Influence of Human-Agent Competition and Collaboration on Agent Learning and Human Perception | Rehua 102 | Ornnalin Phaijit, Claude Sammut , Wafa Johal |
| 11:00 | Advantage Mapping: Learning Operation Mapping for User-Preferred Manipulation by Extracting Scenes with Advantage Function | Rehua 102 | Rintaro Hasegawa Yosuke Fukuchi Kohei Okuoka Michita Imai |
| 11:20 | A Decision Support Design Framework for Selecting a Robotic Interface | Rehua 102 | Shreepriya Gonzalez-Jimenez, Danilo Gallo , Ricardo Sosa , Eduardo B. Sandoval, Tommaso Colombino, Antonietta Maria Grasso |
| 11:40 | Backchannel generation model for a third party listening agent | Rehua 102 | Divesh Lala , Koji Inoue, Kei Sawada, Tatsuya Kawahara |
| 12:00 | **Lunch** | Rehua 103 |  |
| 13:30 – 14:30 | **Session 4: Empathy, Trust and Culture**  *Chair: Eduardo B. Sandoval and Tomoko Koda* | Rehua 102 |  |
| 13:30 | Exploring Factors Affecting User Trust Across Different Human-Robot Interaction Settings and Cultures | Rehua 102 | Abdullah Alzahrani, Simon Robinson, Muneeb Ahmad |
| 13:50 | Effects of self-experience and situational awareness on empathic help to virtual agents | Rehua 102 | Junya Morita , Yuna Kano |
| 14:10 | Study on the Perception of Implicit Indication When Collaborating with an Artificial Agent | Rehua 102 | Lena Guinot, Kozo Ando, Hiroyasu Iwata |
| 14:30 | What is the speed boundary between patting and slapping by a robot? | Rehua 102 | Taichi Hirayama  Yuka Okada  Mitsuhiko Kimoto  Takamasa Iio  Katsunori Shimohara Masahiro Shiomi |
| 14:50 | **Poster Teasers – Session 3 & 4** | Rehua 102 |  |
| 15:30 | **Posters Session 2 – with Coffee** (first half until 16:15, posters of the Empathy Session, second half, posters of the Art & Children Session) | Rehua 103 |  |
| 17:00 | **Reception** | Rehua 103 |  |

**Thursday, December 8th**

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| 09:00 | **Keynote:** The Heuristic of Sufficient Explanation: Implications for Human-Agent Interaction | Rehua 102 | Andrew Vonasch |
| 10:00 | **Break** | Rehua 103 |  |
| 10:30 – 11:50 | **Session 5: Motion and Gestures**  *Chair: Tetsuo Ono and Jamy Li* | Rehua 102 |  |
| 10:30 | Effect of repetitive motion intervention on self-avatar on the sense of self-individuality | Rehua 102 | Tetsunari Inamura,  Shinichirou Eitoku, Iwaki Toshima, Shinya Shimizu,  Atsushi Fukayama, Shiro Ozawa, Takao Nakamura |
| 10:50 | Enabling Shared Attention with Customers Strengthens a Sales Robot’s Social Presence | Rehua 102 | Masaya Iwasaki  Kosuke Ogawa  Akiko Abe Yamazaki Keiichi Yamazaki  Yuji Miyazaki  Tatsuyuki Kawamura Hideyuki Nakanishi |
| 11:10 | VISTURE: A System for Video-Based Gesture and Speech Generation by Robots | Rehua 102 | Kaon Shimoyama, Kohei Okuoka, Mitsuhiko, Kimoto, Michita Imai |
| 11:30 | Attributing social motivations to changes in agents’ behavior and appearance | Rehua 102 | Diogo Rato, Marta Couto,  Rui Prada |
| 12:00 | **Lunch** | Rehua 103 |  |
| 13:30 – 14:40 | **Session 6: Non-verbal interaction**  *Chair: Richard Savery and Hirotaka Osawa* | Rehua 102 |  |
| 13:30 | Perception of Emotional Relationships by Observing Body Expressions between Multiple Robots | Rehua 102 | Kazuki Mizumaru Daisuke Sakamoto Tetsuo Ono |
| 13:50 | Motion and Meaning: Data-Driven Analyses of The Relationship Between Gesture and Communicative Semantics | Rehua 102 | Carolyn Saund  Haley Matuszak  Anna Weinstein  Stacy Marsella |
| 14:10 | **Closing** | Rehua 102 |  |

**Tech Session (Poster Session 1.1 – Tuesday)**

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| 1028 | Interactive Perceptual Companion: Prototyping a digital perception for HAI | Haider Ali Akmal Jonathan Shaw Eduardo Benitez Sandoval |
| 1029 | Partners Who Grow Together: Collaborative Machine Learning in Video Game AI Design | Jibing Shi Richard J. Savery |
| 1035 | Survey of the Effect of Preference for a Lecturer Disguised as an Avatar on Desire to View Lecture Video | Nanami Kojima Yoshinari Takegawa Asuka Terai Keiji Hirata |
| 1041 | Mixed-Cultural Speech for Mixed-Cultural Users – Natural vs. Synthetic Speech for Virtual Agents | David Obremski Birgit Lugrin |
| 1046 | Hype Dlive: XR Live Performance System for Improving Passenger Comfort in Autonomous Driving | Takuto Akiyoshi Masashi Abe Yuki Shimizu Yusaku Takahama Koki Nagata Taishi Sawabe |
| 1063 | Modeling and understanding future action decisions of players during online gaming | Fabrizia Auletta Gaurav Patil Rachel W Kallen Mario di Bernardo Michael J. Richardson |
| 1067 | Towards a Smart Robot Model for Traffic Signal Management in Developing Countries | Harisha Prakash Igor Tchappi Amro Najaar Yazan Mualla |

**User qualities and perception (Poster session 1.2 – Tuesday)**

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| 1009 | Robot Persuasiveness Depending on User Gender | Isabella Ågren Sofia Thunberg |
| 1040 | User experience of human-robot long-term interactions | Guy Laban Arvid Kappas Val Morrison Emily S. Cross |
| 1020 | Angel and Devil Robots: Personifying a Dilemma to Influence Willpower | Kento Goto Kazuki Mizumaru Daisuke Sakamoto Tetsuo Ono |
| 1038 | Would You Be Stressed If Anthropomorphic Agents Were Handing Out POCKET TISSUES Around Town? : Evaluation by VR Study | Daiki Fujishima Tomiki Miyamoto Daisuke Katagami |
| 1052 | Humanness is in the eye of the beholder: Role of predictability and theory of mind on anthropomorphism in human-computer interactions | Julia Apache Andrew M. Connor Stefan Marks Alexander Sumich Nadja Heym |
| 1054 | Can vicarious agents follow the intent of clients’ orders in making risk judgments? | Yuri Sato Haruaki Fukuda Kazuhiro Ueda |
| 1058 | The Effect of Exaggerated Nonverbal Cues on the Perception of the Robot Pepper | Sarah Hanna Fischer Darja Stoeva Margrit Geläuts |
| 1064 | Evaluating Human-Artificial Agent Decision Congruence in a Coordinated Action Task | Gauriv Patil Phillip Bagala Patrick Nalepka Rachel W Kallen Michael J. Richardson |

**Empathy and trust (Poster session 2.1 – Wednesday)**

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| 1001 | Perspective-taking of virtual agents for promoting prosocial behaviors | Chenlin Hang Tetsuo Ono Seiji Yamada |
| 1004 | Embodied Virtual Interactions: What Does Equity Mean to You? Preliminary Results for the Impact of Transgender Avatar Embodiment on Empathy | Cassandra L. Crone Grace Chamberlin Kyle Aspinall Gaurav Patil Michael J. Richardson Rachel W. Kallen |
| 1011 | A Bona Fide Turing Test | Sharon Temtsin  Diane Proudfoot  Christoph Bartneck |
| 1030 | What doesn’t kill you, makes you stronger: Conceptualizing social robots’ pain and consumers empathetic response through touch | Leila Mouzehkesh Pirborj Omar Kubin Michael Lwin Aila M Khan |
| 1047 | A Wizard or a Fool? Initial Assessment of a Wizard of Oz Agent Supporting Collaborative Virtual Environments | James Simpson Michael J. Richardson Deborah Richards |
| 1049 | Experimental Investigation of Trust in Anthropomorphic Agents as Task Partners | Akihiro Maehigashi Takahiro Tsumura Seiji Yamada |
| 1061 | Human-Social Robots Interaction: the blurred line between necessary anthropomorphization and manipulation. | Rachele Carli Amro Najjar Davide Calvaresi |
| 1034 | Measuring Subconscious Gender Biases against Male and Female Virtual Agents in Japan | Tomoko Koda Saori Tsuji Miki Takase |

**Children and art (Poster session 2.2 – Wednesday)**

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| 1003 | Perceptions of Intelligence & Sentience Shape Children’s Interactions with Robot Reading Companions: A Mixed Methods Study | Nathan Caruana Ryssa Moffat Aitor Miguel Blanco Emily S. Cross |
| 1014 | Robotic Arm Generative Painting Through Real-time Analysis of Music Performance | Richard J Savery Anna Savery Justin Baird |
| 1018 | XAI: Using Smart Photobooth for Explaining history of art | Amro Najjar Nina Hosseini-Kivanani Igor Tchapppi Haman Yazan Mualla Egberdien van der Peijl Daniel Karpati Christoph Schommer |
| 1036 | Interaction in Remote Peddling Using Avatar Robot by People with Disabilities | Takashi Kanetsuna Kazuaki Takeuchi Hiroaki Kato Taichi Sono Hirotaka Osawa Kentaro Yoshifuji Yoichi Yamazaki |
| 1044 | Neurodiverse Human-Machine Interaction and Collaborative Problem-Solving in Social VR | Patrick Nalepka Michael J Richardson |
| 1027 | Proposing a post-anthropocentric HAI through the perception of sentient entities as trans-objects | Haider Ali Akmal Eduardo Benitez Sandoval |
| 1065 | The Meeting: Volumetric Participatory Theater Play in Mixed Reality | Krzysztof Pietroszek Manuel Rebol Becky Łąkę |