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

**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 – 11:50 | **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 |
| 11:25 | Students’ Views on Intelligent Agents as Assistive Tools for Dealing With Stress and Anxiety in Social Situations | Rehua 102 | Samira Rasouli  Moojan Ghafurian Kerstin Dautenhahn |
| 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 | Don’t Take it Personally: Resistance to Individually Targeted Recommendations from Conversational Recommender Agents | Rehua 102 | Guy Laban  Theo Araujo |
| 14:30 | 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 |
| 14:50 | **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 – 12:00 | **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 Benitez 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 | Muneeb Ahmad  Abdullah Alzahrani Simon Robinson |
| 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 |
| 14:30 | Prepare for Poster Teaser Session | Rehua 102 | Aldo Chavez Gonzalez Marlena Fraune  Ricarda Wullenkord |
| 14:45 | **Poster Teasers – Session 3 & 4** |  |  |
| 15:50 | **Posters Session 2 – with Coffee** (first half until 16:35, 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 | A User-Centered Evaluation of the Data-Driven Sign Language Avatar System: A Pilot Study | Rehua 102 | Alfarabi Imashev  Nurziya Oralbayeva  Anara Sandygulova Vadim Kimmelman |
| 12:00 | **Lunch** |  |  |
| 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 | 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 |
| 14:10 | Attributing social motivations to changes in agents’ behavior and appearance | Rehua 102 | Diogo Rato  Marta Couto  Rui Prada |
| 14:30 | Motion and Meaning: Data-Driven Analyses of The Relationship Between Gesture and Communicative Semantics | Rehua 102 | Carolyn Saund  Haley Matuszak  Anna Weinstein  Stacy Marsella |
| 14:50 | **Closing** |  |  |