HMC

AUTHENTICITY IN
COMMUNICATING
WITH MACHINES

2023

PROGRAM FLOW
2023 HMC Pre-Conference

Thursday, May 25, 2023 ▪ Sheraton Centre Toronto Hotel

8:15 AM — **CHECK IN & COFFEE**

8:30 AM — **OPENING**

Part I: Rethinking Theory and Approaches, Novel and Provoking Ideas

9:00 AM — **SESSION I** 🤖 SOCIAL AI

10:30 AM — BREAK

10:45 AM — **SESSION II** 🤖 SOCIAL ROBOTS

12:15 AM — LUNCH

1:15 PM — **INTERACTIVE SESSION** 🤖 PART I

1:45 PM — COFFEE BREAK

PROGRAM FLOW
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Thursday, May 25, 2023 ▪ Sheraton Centre Toronto Hotel

Part II: Specific Areas of Application

2:00 PM **Session III** 🤖 Journalism, Education & Intimacy

3:00 PM Very Short Break

3:05 PM **Interactive Session** 🤖 Part II

3:35 PM Short Break

Part III: Future Research, Recap & Synthesis

3:45 PM **FishBowl**

4:30 PM **Closing Remarks**

8:15 AM **CHECK IN & COFFEE**

8:30 AM **OPENING**

9:00 AM **SESSION I** 🤖 **SOCIAL AI**

Civic Ballroom North

PRESENTATIONS – RELAX, LISTEN, DISCUSS
SESSION CHAIR: CAROLINE L. VAN STRATEN

1. Authenticity, ChatGPT, and the Academy: How Can HMC Scholars Intercede in the Moral Panic Over AI? ▪ Andrea L. Guzman

2. The Authenticity of Conversational Language Models Like ChatGPT
▪ Sven Engesser, Katrin Etzrodt & Sandra Mooshammer

3. "[A]ll with their Own Unique Ways of Living": AI Intimacies, the LaMDA Sentience Question, and Shifting the Burden of Proof in the Turing Test
▪ Nathan Rambukkana

4. Accommodating Communication with Conversational Agents: An Evaluation of Perceptions of Authentic Communication with Google Home Mini as Evidenced by Convergence / Divergence ▪ Carrie O'Connell

5. Perceived Authenticity in Human-Agent Interaction: Insights from Neuroscience and Virtual Reality ▪ Nina Lauharatanahirun, Andrea Stevenson Won & Angel Hsing-Chi Hwang

6. Rethinking AI Ethics in Our Encounters with Intelligent Machines
▪ Min-Sun Kim

10:30 AM **BREAK**

10:45 AM SESSION II 🤖 SOCIAL ROBOTS

PRESENTATIONS – RELAX, LISTEN, DISCUSS
SESSION CHAIR: MARCO DEHNERT

Civic Ballroom North

1. Towards Authenticity in Social Robotics ▪ Lauren Dwyer & Frauke Zeller

2. From anthropomorphic to sociopomorphic social robots: A short reflection ▪ Jindong Leo-Liu

3. The Nonverbal Communication of Robots: What Do People Really Expect? ▪ Andrew Prahl & Bernhard Johannes Schmitt

4. "You" versus "children": A longitudinal experiment on the effects of social robots' use of (im)personal address forms when talking to children ▪ Caroline L. van Straten, Jochen Peter & Rinaldo Kühne

5. Authentic impediments: The influence of identity threat, cultivated perceptions, and personality on robot-phobia ▪ Kate Mays

6. The Uncanny Valley of Trust ▪ Katrin Fischer, Eugene Lee & Dmitri Williams

12:15 AM LUNCH

t.b.a.

1:15 PM INTERACTIVE SESSION 🤖 PART I

CHOOSE 3 OUT OF 8 – GET (INTER)ACTIVE!
SESSION CHAIR: KATRIN ETZRODT

Civic Ballroom South

1. Presence, Touch, and the Authenticity of Experience ▪ Satomi Sugiyama

2. Engaging with Bot Narratives: The Audience Experience and Perceptions of Machine Script Writers ▪ Rachel Son, Qingyuan Yang, Benjamin T. Vollmer & Benjamin K. Johnson

3. Defining Authenticity in Human-Humanoid Robot Communication: Humanistic Approach vs. Mechanistic Approach ▪ Do Kyun David Kim

4. Exploring the contextuality of attitudes towards algorithmic decision-making: Validation of the newly developed universal attitudes towards algorithms scale (ATAS) ▪ Nikolai Bock & Astrid Rosenthal-von der Pütten

5. Reflections on Human-Machine Communication in the Film "Her" ▪ Maria Rhodora S. Salazar

6. Gender Biases in Generative AI: A Case Study of Occupational Disparities in DALL·E 2 ▪ Luhang Sun, Mian Wei, Yibing Sun, Yoo Ji Suh & Sijia Yang

7. Why don't you listen to me: An investigation of user perceptions of algorithm responsiveness and insensitivity and its effects on self-determination and well-being ▪ Mina Choi, Matthew Craig, Toqa Hassan, Ying Zhu, Guilherme Pedrosa Quintela, Samuel Mensah Noi & David Silva

8. Beyond the pure simulacrum: from authenticity to authentication procedures via blockchain and NFT's in the Metaverse ▪ Nello Barile

1:45 PM COFFEE BREAK

Civic Ballroom North

2:00 PM SESSION III — JOURNALISM, EDUCATION & INTIMACY

PRESENTATIONS – RELAX, LISTEN, DISCUSS
SESSION CHAIR: KUN XU

Civic Ballroom North

1. Message and Source Authenticity in Automated and Human-Authored Data-Driven Journalism ▪ Florian Stalph, Neil Thurman & Sina Thäsler-Kordonouri

2. Authenticity of media content in the era of deepfakes: Journalistic practice between risks and opportunities ▪ Christian P. Hoffmann, Alexander Godulla & Daniel Seibert

3. Creating Authentic Human-Machine Relations by Collaborating in Social Reality: Love and Sex as Distinctive Interaction Dynamics ▪ Marco Dehnert & Jessica M. Szczuka

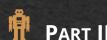4. AI Machine Graders: The Potential Benefits of Perceived Authenticity ▪ Bryan Abendschein, Xialing Lin, Chad Edwards, Autumn Edwards & Varun Rijhwani

3:00 PM VERY SHORT BREAK

3:05 PM INTERACTIVE SESSION 🤖 PART II

CHOOSE 3 OUT OF 8 – GET (INTER)ACTIVE!
SESSION CHAIR: JIHYUN KIM

Civic Ballroom South

1. Surveillance, Privacy, and Anti-Bias in Online Proctoring Technologies: A Trust Perspective on HMC in Higher Education ▪ Jan Fernback

2. News recommenders explained: The effects of explainability and modality on trust, privacy concerns and perceived personalization
   ▪ Valeria Resendez, Theo Araujo, Natali Helberger & Claes de Vreese

3. Driving Like a Human: Exploring Authenticity in Human-Autonomous Vehicle Interactions ▪ Xinyi Liu & Qing Xiao

4. Industry and the Personality of Virtual Agents: An Exploratory Study
   ▪ Chen Wei En James Ryan, Felix Joseph Francis, Ivy Or Vin Fern & Andrew Prahl

5. (Digital) Friends are Authentic: Authenticity and Human-AI Relationships ▪ Luis Grande

6. Human-AI communication in initial encounters: The role of perceived AI agency ▪ Wenjing Pan, Diyi Liu, Jingbo Meng & Hailong Liu

7. Tools or Maybe Partners: Chinese Older Adults' Imaginations, Expectations and Concerns about Social Robots ▪ Xinyi Guan, Yiran Liu, Xiaoran Ren, Qi Shen & Sunny Xun Liu

8. Authenticity in Global HMC Ecosystems: Swahili Voice Chatbot for Smallholder Farmers in Kenya ▪ L. Lusike Mukhongo, Winston Mano, Masibo Lumala & Edwin Ataro

3:35 PM SHORT BREAK

3:45 PM FISHBOWL

Civic Ballroom North

SESSION CHAIR: MARGOT VAN DER GOOT
Authenticity in HMC & Authenticity of HMC Research

4:30 PM CLOSING REMARKS

Civic Ballroom North

CREDITS
2023 HMC Pre-Conference

ORGANIZERS

Jihyun Kim | Katrin Etzrodt | Margot J. van der Goot | Chad Edwards | Seungahn Nah

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CREDITS
2023 HMC PRE-CONFERENCE

**Images were created in January 2023
by Katrin Etzrodt & DALL•E**
(Final selection was done by the human)

Images were created using the following sentences

[1,2,3] Human-machine communication in the style of Dali

[4,5,6,8] Human-machine communication in the style of Surealism

[7,9,10,16] Authenticity in communication between humans and machines, Oil painting

[11] How can humans communicate with machines?, in the style of a stained glass window

[12] Several machines conversing with a human, in the style of a stained glass window

[13,15] A machine that can communicate, digital art

[14] Authenticity machines, 3D computer generation

[17,19] Futuristic human-machine communication in 2030 in cyberpunk style

[18] A trustworthy machine as interlocutor for a human being, Oil pastel chalk

[20,23,25] Several machines conversing with/talking to a human, in the style of Rembrandt

[21] A machine as interlocutor, digital art

[22,24] A machine talking to a human, digital art

[Image numbers] are counted from left to right, respectively from top to bottom on the front page. The sentences were entered at https://labs.openai.com