

HMC

DISRUPTING AND
CONSOLIDATING
HUMAN-MACHINE
COMMUNICATION

2025



JUNE 12 ■ HYATT REGENCY DENVER

Human-Machine Communication Pre-Conference, ICA

PROGRAM FLOW

2025 HMC PRE-CONFERENCE

Thursday, June 12, 2025 ■ Hyatt Regency Denver

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

8:30 AM **OPENING**

Part I: Contours of the Machine Age: Human-Machine Entanglements in Flux

9:00 AM **SESSION I**

ENDURING MACHINE-DRIVEN DISRUPTIONS IN WORK AND SOCIETY

10:15 AM **BREAK**

10:30 AM **SESSION II**

THEORETICAL DISRUPTION AND CONSOLIDATION

11:45 AM **LUNCH**

FOR INQUIRIES

Contact Andrew PrahI (andrew.prahI@ntu.edu.sg)

PROGRAM FLOW

2025 HMC PRE-CONFERENCE

Thursday, June 12, 2025 ■ Hyatt Regency Denver

Part II: Speed-Dating with Disruption

12:45 PM **DEMO INTERMEZZO**

1:00 PM INTRODUCTION TO THE INTERACTIVE SESSIONS

1:15 PM **INTERACTIVE SESSION I**

INTIMACY, EMOTION, AND EVERYDAY MEANING-MAKING

1:45 PM BREAK

2:00 PM **INTERACTIVE SESSION II**

NORMS, NARRATIVES, AND COLLECTIVE NEGOTIATIONS

2:30 PM COFFEE BREAK

Part III: Deus ex machina?

3:00 PM **WILD CARD COMMENTARIES**

RANT & REMIX

4:30 PM **CLOSING REMARKS**

FOR INQUIRIES

Contact Andrew PrahI (andrew.prahI@ntu.edu.sg)

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

8:30 AM **OPENING**

Mineral A

9:00 AM **SESSION I**

Mineral A

PRESENTATIONS – RELAX, LISTEN, DISCUSS
SESSION CHAIR: JIHYUN KIM

ENDURING MACHINE-DRIVEN DISRUPTIONS IN WORK AND SOCIETY

Can AI companions replace human partners? Examining the role of perceived emotional support in substitution intentions

▪ Ruotong Niu & Zhao Peng

Large language model narratives of the occupational landscape: Spotlighting the world of work through AI

▪ Christoph Lutz, Ying Guo, Gemma Newlands & Pawel Gmyrek

Communicatively constructing machines' agency: A content analysis of trade journal coverage

▪ Teresa Weller & Irina Lock

Queer algorithms: A longitudinal investigation of human-algorithm interaction in LGBTQ+ youth identity formation

▪ Y. Anthony Chen & Samuel Hardman Taylor

Machines or mates? An exploratory and international perspective on public perceptions of artificial intelligence

▪ Bianca Nowak, Nils Köbis & Nicole Krämer

10:15 AM **BREAK**

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10:30 AM **SESSION II**

Mineral A

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

THEORETICAL DISRUPTION AND CONSOLIDATION

Preventing AI hallucinations: An exploration of the factors influencing users' intentions to verify information from generative AI

■ Yu-li Liu, Bo Hu, Jiayue Dai, Jiayi Mi & Wenjia Yan

Alexa, watch out for your tone! Investigating the effect of social role and speech style on perceived credibility and intelligence of voice assistants

■ Busra Sarigul, Frank M. Schneider & Sonja Utz

Disruptive consolidation? Reflections on human-machine communication as media engagement paradigm

■ Andreas Schellewald

Power and dominance in human-machine collaboration

■ J. Nan Wilkenfeld

The supernatural machine: Adding a fourth piece to the ontological triad of animals, humans, and machines

■ Sven Engesser & Katrin Etzrodt

11:45 AM **LUNCH**

Capitol Foyer

12:45 PM **DEMO INTERMEZZO**

Mineral A

Empowering environmental justice: AI-driven communication tools for Indigenous advocacy and sustainability in Kenya's Mau Forest

■ Lusike Mukhongo, Autumn Edwards, Chad Edwards & Cynthia Klekar-Cunningham

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Human-Machine Communication Pre-Conference, ICA

1:00 PM INTRODUCTION

Mineral Foyer

1:15 PM **INTERACTIVE SESSION I**

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

INTIMACY, EMOTION, AND EVERYDAY MEANING-MAKING

Will we fall for them? How intimacy differs in human-human and human-chatbot relationships ■ [Annette Masterson & Lionel Robert](#)

Bringing People Closer Together? Towards Theorizing the Disruption of Algorithms on Interpersonal Communication Processes and Personal Relationships ■ [Samuel Hardman Taylor & Mina Choi](#)

The (human-like) trustworthiness of voice-based assistants – 2018 vs. 2024 ■ [Lisa Weidmüller](#)

Disruptive Machines, Destructive Reactions: Anxiety, Anger, and Aggression Toward Robots ■ [Seungcheol Austin Lee](#)

AI in the trajectory of sublime technologies: AI and the spiritual turn
■ [Nathaniel Poor](#)

Imaginariness of error: An interpretative phenomenological analysis of German lay users' sensemaking of generative AI errors in the context of political information ■ [Eva Luise Knor](#)

Human and artificial intelligence: Establishing a new ritual of communication ■ [Richard Cobb](#)

1:45 PM BREAK

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2:00 PM INTERACTIVE SESSION II

Mineral Foyer

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

NORMS, NARRATIVES, AND COLLECTIVE NEGOTIATIONS

Automated journalism and the new norm(al): Simultaneous disruption and consolidation of journalistic norms in journalists' sense-making of automated journalism's quality ■ [Sandra Mooshammer](#) & [Lutz M. Hagen](#)

The political polarization of generative AI: Media coverage of ChatGPT in German newspapers ■ [Sara Held](#) & [Sven Engesser](#)

The disruptive and consolidating roles of AI: A systematic literature review on AI and disinformation ■ [Maria F. Grub](#) & [Edda Humprecht](#)

Exploring the ethical reasoning of artificial intelligence ■ [W. Russell Neuman](#)

Computers as tax-paying actors: Human-machine communication strategies beyond theoretical approaches ■ [Wei Ting Chang](#) & [Joo Wha Hong](#)

Does generative AI disrupt the writing playing field? How interaction with ChatGPT makes the poor get richer
■ [Rebecca Tukachinsky](#), [Kerk F. Kee](#) & [Gabriel M. Li](#)

How do people react to AI's disruptive actions? An integrated multi-process blame model and testable propositions ■ [RWenjia Yana](#), [Yuanyi Maoa](#), [Bo Hu](#) & [Yu-li Liu](#)

2:30 PM COFFEE BREAK

JUNE 12 ■ HYATT REGENCY DENVER

Human-Machine Communication Pre-Conference, ICA

3:00 PM **WILD CARD COMMENTARIES**

Mineral A

SESSION CHAIR: ANDREW PRAHL
Rant & Remix

4:30 PM **CLOSING REMARKS**

Mineral A

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CREDITS

2025 HMC PRE-CONFERENCE

ORGANIZERS

Andrew Prah, Jihyun Kim, Katrin Etzrodt, Marco Dehnert, Kun Xu, Nan Wilkenfeld



From left to right: Andrew, Marco, Kun, Katrin, Jihyun, Nan

Final Selection

CREDITS

2025 HMC PRE-CONFERENCE

1770s: Jaquet-Droz's automaton The Writer astonishes European audiences with its lifelike movements—marking a milestone in the history of robotics and mechanical computation.

1843: Ada Lovelace drafts the first computer algorithm and envisions a machine capable of more than calculation—laying the conceptual groundwork for modern computing.

1900: Tim Woodsman, known as the "Tin Man," is introduced in the wildly popular "The Wizard of Oz." Tim is portrayed as a robot who has abandoned it's job to search for a heart.

1993: Students from Carnegie Mellon University the eight-legged exploration robot "Dante" into an active volcano,

The screenshot shows the ChatGPT o1 pro interface. At the top, it says "ChatGPT o1 pro" with a dropdown arrow, a "Share" button, and an "o1 pro" badge. The main chat area contains a prompt: "Can you do some internet research and come up with some 'famous moments in human machine communication' throughout history. The idea is that we will use artistic interpretations as artwork to decorate a new academic institution dedicated to the study of HMC. So we focus here on machines that communicate with humans and or have other cultural significance for changing the way humans or society relates to machines. Please don't limit yourself to recent stuff, find things from centuries ago if you wish. Please generate a list of 15-20 moments throughout history and spread them from very old to very recent. Include a brief synopsis for each idea and also a brief prompt that may be used to generate an image of the moment/event/object using one of the OpenAI image generators." Below the prompt is a progress bar labeled "Request for o1 pro mode Refining key moments..." with a "Details" button. At the bottom, there is a search bar with "Ask anything" and buttons for "+", "Search", and "Deep research". A sidebar on the right titled "Details" shows the following steps: "Collecting key events" (I'm compiling a list of 15-20 pivotal moments in human-machine communication, spanning from ancient times to the present, highlighting their cultural and technical impact.), "Mapping the timeline" (I'm organizing key moments in human-machine communication from ancient inventions to modern innovations, ensuring chronological accuracy and noting their cultural significance.), "Highlighting key innovations" (I'm noting significant advancements like the telephone, fax machine, IBM Shoebox, and Morse code, ensuring a diverse and chronological compilation of pivotal moments in human-machine communication.), "Assembling the timeline" (I'm compiling a chronological list of key moments in human-machine communication, ensuring a diverse range of innovations with concise synopses and image generation prompts.), "Refining the selection" (I'm honing the list to 20 key moments, ensuring they focus on human-machine communication or cultural shifts related to machines, while also considering the Apple "1984" commercial's impact.), and "Refining key moments" (I'm refining the list to a coherent flow, emphasizing advancements in human-machine communication and cultural shifts, and ensuring concise synopses and image generation prompts.).