

# 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.prahl@ntu.edu.sg](mailto:andrew.prahl@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](mailto: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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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](#)

A journey through love & DeepSpace: Exploring identity and emotional fulfillment in digital romance ■ [Ashley Smalls](#)

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](#)

Synthetic media and hybrid ontologies: The analytical comparison between the hypes of Metaverse and generative AI as a new stage of simulacra ■ [Nello Barile](#)

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

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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 Prahl, Jihyun Kim, Katrin Etzrodt, Marco Dehnert, Kun Xu, Nan Wilkenfeld



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

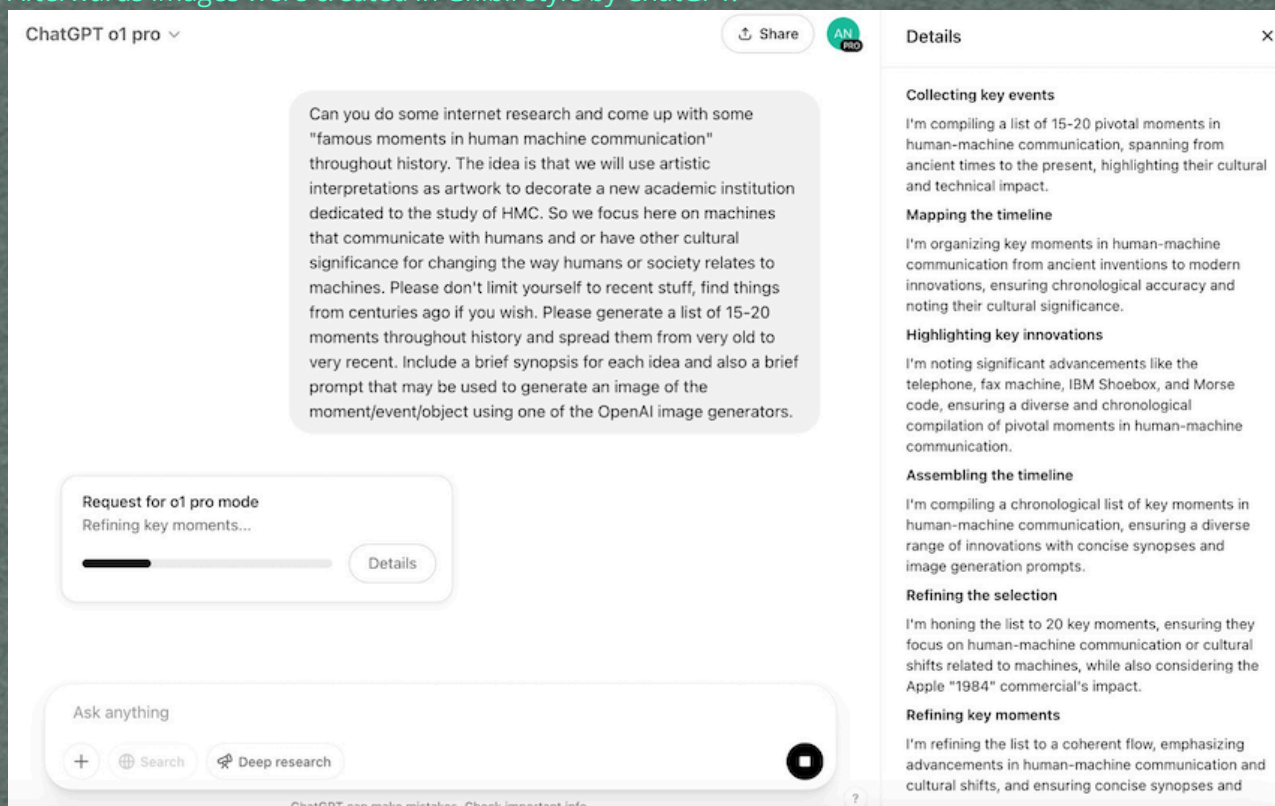


# CREDITS

## 2025 HMC PRE-CONFERENCE

### Images were created in April 2025 by Andrew, Nan & ChatGPT (Final selection was done by the humans)

Some topics were found using the following logic with ChatGPT, some were brought up by the humans. Afterwards images were created in Ghibli style by ChatGPT.



### Final Selection

- 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, proving the utility of robots to take on high risk, high value work.
- 2002: Joe Jones, MIT roboticist and inventor, poses with the first generation Roomba, paving the way for the widespread introduction of robots into homes worldwide.