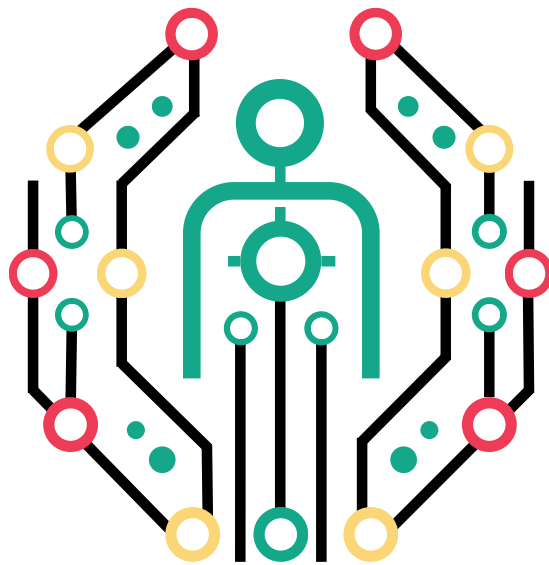


Machines as (new) actors in digital communication Challenges and opportunities for science and society



DGPuK & ICA

 September 15-17, 2025

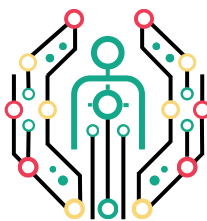
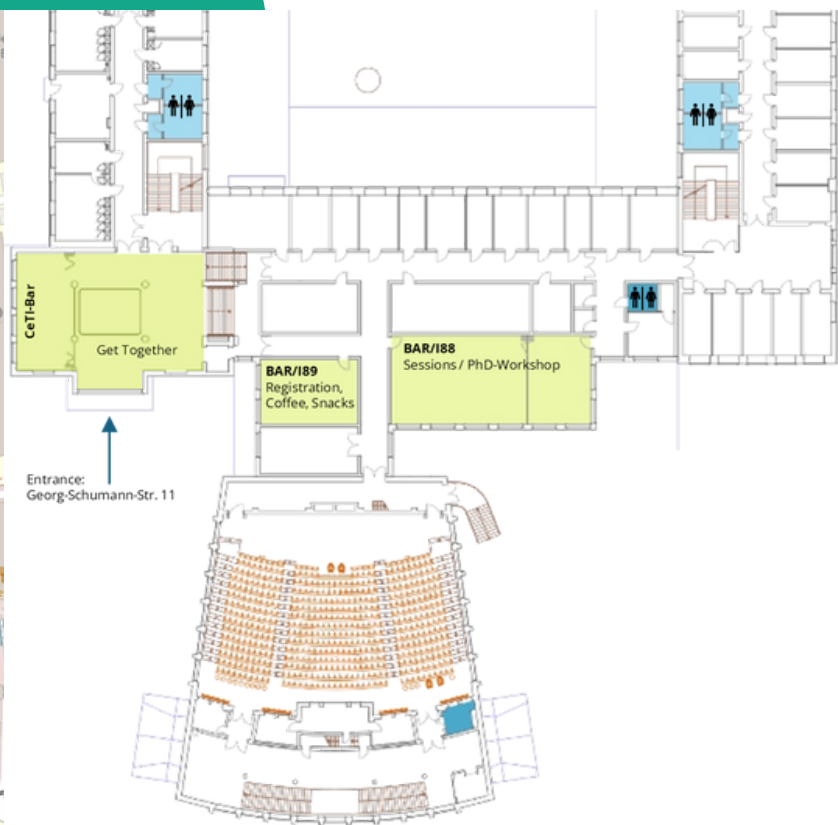
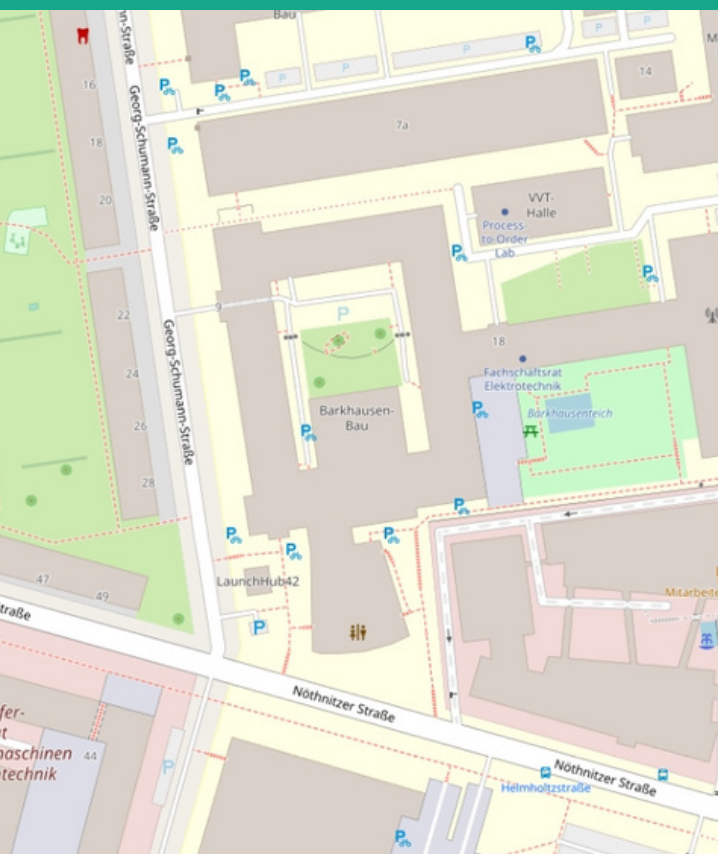
 TU Dresden

Timetable - All at a glance

Time	Mon (15 Sep)	Tue (16 Sep)	Wed (17 Sep)	
8:00 AM		Registration (BAR/0189/U)	Registration (BAR/0189/U)	
8:30 AM		Opening Remarks (BAR/0188/U)		
9:00 AM		Keynote: Prof. Dr. Andrew Gambino (University of Delaware, USA) (BAR/0188/U)	Keynote: Prof. emerita Leopoldina Fortunati (University of Udine, Italy) (BAR/0188/U)	
9:45 AM		Coffee Break (BAR/0189/U)	Coffee Break (BAR/0189/U)	
10:00 AM		Session 1: Institutional and Societal Perspectives on the Machine Actor (BAR/0188/U)	Session 5: Adaptation Patterns in Verbal and Nonverbal Communication with a Machine Actor (BAR/0188/U)	
11:00 AM			Session 6: The Machine Actor as an Opportunity for Improving our Skills and Attitudes? (BAR/0188/U)	
11:30 AM			Session 2: Technological Perspectives on the Machine Actor (BAR/0188/U)	
12:00 PM			Lunch	
12:30 PM		Lunch		
1:00 PM	PhD Workshop (BAR/0188/U)			Session 3: Ontological Perspectives on the Machine Actors - Peculiarities in Classification (BAR/0188/U)
1:15 PM				
1:30 PM		Coffee Break (BAR/0189/U)		
2:00 PM		Session 8: Methodological and Conceptual Challenges and Approaches (BAR/0188/U)		
2:15 PM				
2:45 PM				
3:00 PM				
3:45 PM			Session 4: Ontological Perspectives on the Machine Actors - Impact of Classification (BAR/0188/U)	Closing Remarks (BAR/0188/U)
4:00 PM				
4:30 PM				
4:45 PM		Business meeting of the DigiKomm division (BAR/0188/U)		
5:45 PM				
6:00 PM	Get Together (CeTI Bar)			
6:30 PM		Conference Dinner (Johann Restaurant & Elblounge)		
10:00 PM				

Venues

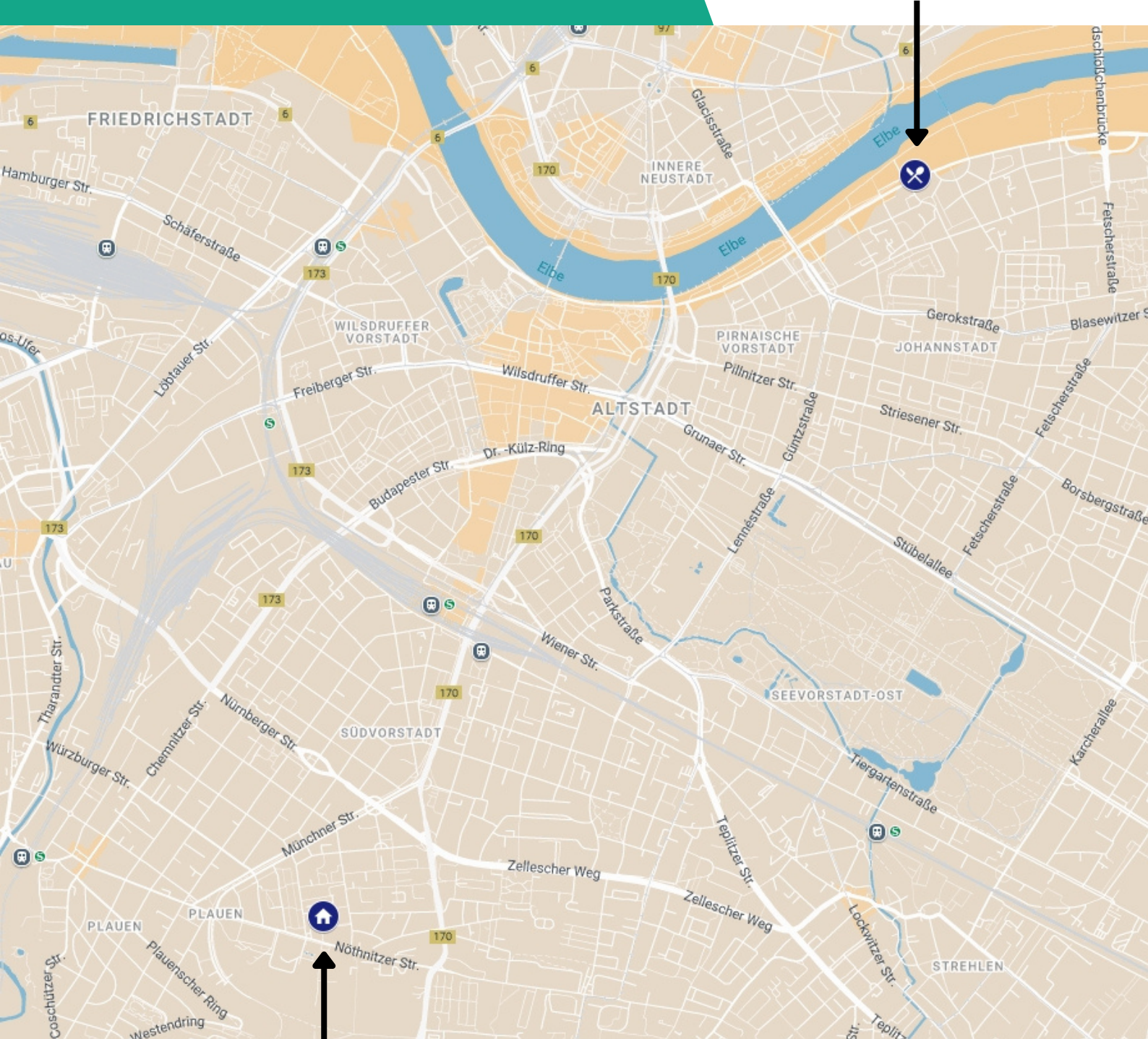
- Main Room: BAR/0188/U (Barkhausen-Bau, 1st floor)
- Registration/Breaks: BAR/0189/U
- Monday: Get-Together in CeTI Bar (Barkhausen-Bau, 2nd floor)



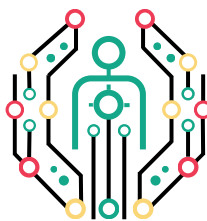
Conference Dinner

🕒 September 16, 6:30 PM - 10:00 PM 🌐 Tuesday: Conference Dinner Johann Elblounge

Johann Elblounge



Barkhausen-Bau



Keynotes

🕒 September 16, 9:00 AM - 9:45 AM

🌐 BAR/0188/U

Meaningful, Complex, and Collaborative: Building Communication Theory in the Age of Generative AI



Assistant Prof. Andrew Gambino, Ph.D.
University of Delaware

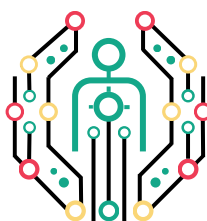
🕒 September 17, 9:00 AM - 9:45 AM

🌐 BAR/0188/U

The Domestic Sphere: AI's Next Frontier



Prof. emerita Leopoldina Fortunati



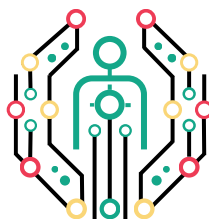
Doctoral Consortium

🕒 September 15, 1:00 PM - 6:00 PM

🌐 BAR/0188/U

The doctoral workshop of the Digital Communication (DigiKomm) section of the German Communication Association (DGPUK) enables doctoral students researching various communication technologies to discuss their research in a constructive and collaborative atmosphere. This year, the workshop is being organized jointly with the Human-Machine Communication (HMC) Interest Group of the International Communication Association (ICA).

PhD Student	Title	Response
Florian Golo Flaßhoff (HHU Düsseldorf)	The ChatGPT Effect: How Use of LLMs Shapes Attitudes toward and Beliefs about AI	Prof. Caja Thimm (Uni Bonn)
Teresa Weller (FSU Jena)	Tools or agents? Constructing agency in communication about automated communication	Prof. Jaime Banks (Syracuse University)
Jana Dombrowski (U Hohenheim)	Mapping the Qualities and Quantities of Screen Time	Prof. Veronika Karnovski (TU Chemnitz)
Hanjing Wang (Hong Kong BU)	Exploring the Differences between Social Relationships in Human-Machine Communication and Interpersonal Communication	Prof. Autumn Edwards (Western Michigan U)
Evelyn Jonas (TU Braunschweig)	Talking Science with Communicative AI: Exploring Lay and User Perceptions on Trustworthiness	Prof. Nicole Krämer (Uni Duisburg-Essen)
Marie Röthlingshöfer (JGU Mainz)	AI in Journalism: Innovation and Implementation across Organizational Contexts - A Cumulative Study on Preconditions, Practices, and Networks of Innovation	Prof. Neil Thurman (Ludwig-Maximilians-U München)



Session 1: Institutional and Societal Perspectives on the Machine Actor

🕒 September 16, 10:00 AM - 11:15 AM

🌐 BAR/OI88/U

The materiality of HMC: Imagining sustainable AI infrastructures

Anne Mollen, Sigrid Kannengießer, Anastasia Glawatzki
Universität Münster, Deutschland

Value Frictions: Competing Priorities in the Public and Private Governance of Generative Artificial Intelligence

Rebecca Scharlach¹, CJ Reynolds², Vasilisa Kuznetsova¹, Christian Katzenbach¹, Blake Hallinan²
¹University of Bremen, Deutschland; ²Hebrew University of Jerusalem, Israel

Negotiating norms of ChatGPT use: a cyclical perspective on the expanding appropriation of a generative AI chatbot among university students

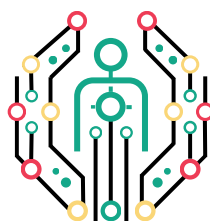
Thilo von Pape², Angèle Devantéry², Veronika Karnowski¹, Étienne Yerly²
¹TU Chemnitz, Deutschland; ²Université de Fribourg, Schweiz

Hesitation to Report: Understanding Why Bystanders and Victims Refrain from Reporting Offensive Content

Steliyana Doseva¹, Hannah Schmid-Petri²
¹Bayerisches Forschungsinstitut für Digitale Transformation (bidt), Deutschland; ²Universität Passau

Building a Better World Through AI Journalism: Global Solutions from Gen Z

Aurora Alliegro, Elena Campo, Alexis von Mirbach
LMU, Germany



Session 2: Technological Perspectives on the Machine Actor

🕒 September 16, 11:30 AM - 12:30 PM

🌐 BAR/OI88/U

Ontological Classification of Machine Agents: Patterns of Assimilation, Accommodation, and Non-Adaption

Katrin Etzrodt, Sven Engesser

Technische Universität Dresden, Deutschland

Communicating with machines: Do we need a theory of the artificial mind?

Nicole Krämer

University Duisburg-Essen, Deutschland

Perceiving the Unreal: How Disclosure of the Nonhumanness of Virtual Influencers Affects People's Perceptions toward Them

Jihyun Kim,

Patric Spence University of Central Florida, United States of America

Do Social Scripts Differ? Exploring Communication Style and Agency in Human-Human vs. Human-AI Chat Interactions

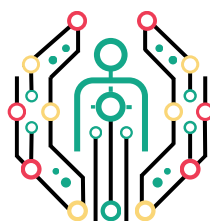
Jakob Henke, Franciska Nowak, Leyla Dogruel

Universität Erfurt, Deutschland

Algorithmic Bias in Image-Generating AI: Detection and Reaction

Tanja Messingschlager, Markus Appel

Universität Würzburg, Deutschland



Session 3: Ontological Perspectives on the Machine Actors – Peculiarities in Classification

🕒 September 16, 1:30 PM - 2:45 PM

🌐 BAR/OI88/U

Metacognitive Illusions – Rhetoric between AI Strategies and AI Literacies

Fabian Erhardt^{1,2}, Markus Gottschling^{1,2}

¹Eberhard Karls Universität Tübingen; ²Center for Rhetorical Science Communication
Research on Artificial Intelligence (RHET AI)

Talking machines, not saying anything, shaping communication: Reflecting on “artificial intelligence” and fake-human/human interactions

Annekatriin Bock

Universität Vechta, Deutschland

Are Bots More Biased Than Humans? Assessing Gender Stereotypes of Warmth and Competence in AI-Generated Ratings, Stories, and Images

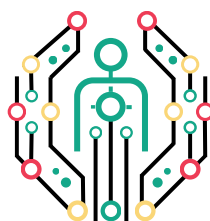
Alexandra Wölfle,

Desiree Schmuck Universität Wien, Österreich

Social Bots in Online Climate Change Discourse: Evidence from COP27 Tweets

Junyi Han, Sonja Utz

Leibniz Institut für Wissensmedien, Germany



Session 4: Ontological Perspectives on the Machine Actors – Impact of Classification

🕒 September 16, 3:00 PM - 4:30 PM

🌐 BAR/OI88/U

AI Writing Stories of Pride – Can Readers Experience Queer Perspectives Through AI-Generated Narratives?

Tanja Messingschlager, Sarah Tomiczek, Markus Appel
Universität Würzburg, Deutschland

Chatbot or Scientist? Evaluating AI vs. Human Source Credibility in Digital Climate Communication

Shirley S. Ho, Chang He
Nanyang Technological U, Singapore

Beauty and the Bot: Perceptions of Human and AI Fitness Influencers on Instagram

Chad Edwards^{1,2}, Autumn Edwards^{1,2}, Varun Rijhwani^{2,3}, Hamza Mostafa^{1,2}, Daniel Ebo¹, Dorcas Doku¹

¹Western Michigan University, United States of America; ²Communication and Social Robotics Labs; ³Indian Institute of Management (IIM), Indore

Bot or Not? The Impact of Textual Imperfections on Students' Perceptions of AI Humanness in Educational Forums

Patric Spence¹, Jihyun Kim¹, David Westerman²

¹University of Central Florida, United States of America; ²North Dakota State University, United States of America

Talk, Listen, Connect: Navigating Empathy in Human-AI Interactions

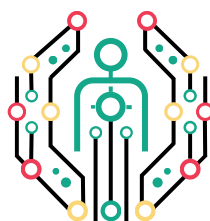
Mahnaz Roshanaei¹, Rezvaneh Rezapour², Magy ElNasr³

¹Stanford, United States of America; ²Drexel University; ³UC Santa Cruz

How Anthropomorphism and Belief in Positive Machine Heuristic Shape Perceived Privacy Risk and Disclosure Intention to Machines: A Moderated Moderation Analysis

Shirley S. Ho^{2,1}, Junru Huang¹

¹CNRS@CREATE, Singapore; ²Nanyang Technological University, Singapore



Session 5: Adaptation Patterns in Verbal and Nonverbal Communication with a Machine Actor

🕒 September 17, 10:00 AM - 10:45 AM

🌐 BAR/0188/U

Face-to-Face Conversations with ChatGPT-Based Robots: Introducing the "CAT Technology Equivalence Model"

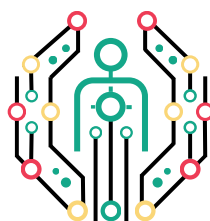
Caja Thimm, Dorothe Stahl, Nils Dengler, Lea Henneberg, Maren Bennewitz
Universität Bonn, Deutschland

Co-Creation through Communication in Human-Autonomy Teamwork (HAT)

Iremnur Tokac Celikyay¹, Sigrid Brell-Cokcan¹, Caja Thimm²
¹RWTH Aachen; ²University of Bonn

Are Agents More Persuasive After They Become Your Avatar? An extension of CASA and Proteus effect theories

Rabindra Ratan, Andrew Gambino, Benjamin Li, Alex Lover, Junru Huang, Dayeoun Jang, Jiahui Liu, Sonny Rosenthal, Gabe Hales, Zachary Schultz, Taenyun Kim, Jack Waier
Michigan State University, United States of America



Session 6: The Machine Actor as an Opportunity for Improving Our Skills and Attitudes?

🕒 September 17, 11:00 AM - 12:00 PM

🌐 BAR/0188/U

Imagining Sustainable Futures (With ChatGPT): Can a Climate Fiction Writing Exercise Foster Environmental Cognitive Alternatives and Creative Self Efficacy?

Julia Winkler¹, Tanja Messingschlager¹, Wojciech Małecki², Markus Appel¹

¹University of Würzburg, Deutschland; ²University of Wrocław, Poland

Persuasive AI: How Multimodal Large Language Models (MLLM) Improve the Design and Evaluation of Digital Health Messages

Sijia Yang, Yibing Sun, Luhang Sun

University of Wisconsin-Madison, United States of America

The Impact of Explainable AI on Fairness Perceptions in Academic Performance Prediction: The Role of AI Literacy and Trust in Algorithmic Decision Making

Laurids Blume, Marco Lünich

Heinrich-Heine-Universität Düsseldorf, Deutschland

Reducing Political Polarization Through Conversations with Artificial Intelligence

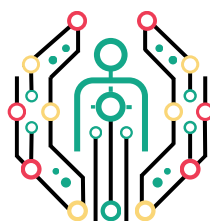
Timon M. J. Hruschka, Markus Appel

Universität Würzburg, Deutschland

Immerse & Befriend: The Role of Synthetic Relationship Perception and Narrative Transportation in a Mental Health App

Stefanie Helene Klein¹, Marisa Tschopp², Henrik Skaug Sætra³, Sonja Utz^{1,4}

¹Leibniz-Institut für Wissensmedien, Germany; ²scip AG; ³University of Oslo; ⁴Eberhard Karls Universität Tübingen



Session 7: The Machine Actor as Transformative Force for Inter-Human Communication and Relationships?

🕒 September 17, 1:15 PM - 2:00 PM

🌐 BAR/0188/U

How does interacting with AI-based chatbots change how we interact with each other?

Stefanie Helene Klein

Leibniz-Institut für Wissensmedien, Germany

Emotional connections with AI-enabled chatbots: A qualitative interview study

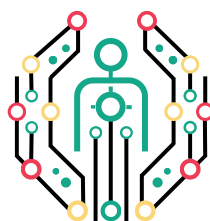
Margot Jannet van der Goot, Yunhua Tan, Jiayi Yan

ASCoR/ Amsterdam School of Communication Research, UvA, Netherlands

Exploring Synthetic Relationships Through Features of AI Companions

Ezgi Dede, Hande Sungur, Jeroen Lemmens, Jochen Peter

University of Amsterdam, Netherlands



Session 8: Methodological and Conceptual Challenges and Approaches

🕒 September 17, 2:15 PM - 3:45 PM

🌐 BAR/0188/U

When Tomorrow is Too Far Away: Methodological Considerations in Futuristic Human-Machine Communication

Andrew Prah

Nanyang Technological University, Singapore

From human experts to artificial authorities? Reconsidering the concept of epistemic authority in the context of generative AI

Esther Greussing, Evelyn Jonas, Monika Taddicken

Technische Universität Braunschweig, Deutschland

Trust in Voice-Based Assistants: A User-Centered Perspective

Katharina Frehmann, Marc Ziegele

Universität Düsseldorf, Deutschland

Measuring AI Literacy: Developing a Comprehensive Self-Assessment Tool

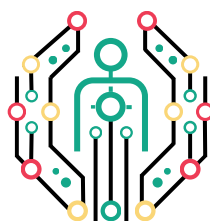
Danilo Harles, Ulrike Mendel, Antonia Schlude, Christian Stumpf, Roland A. Stürz

Bayerisches Forschungsinstitut für Digitale Transformation, Deutschland

Real-Time-Response-Measurement in HMC Research: An Example Based on Trustworthiness Evaluations of Empathic and Humorous Communicative AI as an Intermediary for Science-related Information

Evelyn Jonas, Monika Taddicken

Technische Universität Braunschweig, Deutschland



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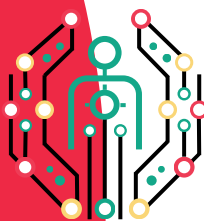


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Choose wisely

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Human

☐

Machine

☐

undecided

☐

