



Department of Psychology  
The University of Hong Kong  
香港大學心理學系

Feb  
02  
2026

# Departmental Seminar

## Beyond Static Responses: Agentic LLM Systems as a New Paradigm for Social Science Research



### Dr. Jennifer Haase

Psychologist and Research Group Lead  
Weizenbaum Institute  
Humboldt-Universität zu Berlin

11:00a.m. – 12:00noon

Chamber, 11/F

The Jockey Club Tower

Centennial Campus

The University of Hong Kong

### Abstract

As AI systems evolve from static text generators into autonomous, interacting agents, they open entirely new methodological frontiers for the social sciences. This talk introduces a structured framework for understanding multi-agent LLM systems—from simple tools to complex adaptive societies—and shows how these architectures enable scalable experimentation, synthetic populations, and emergent social dynamics that were previously impossible to study. Drawing on examples from creativity research, automated experimentation, and large-scale social simulations, I argue that agentic LLMs are not just improving existing methods—they are transforming how we theorize, model, and understand social behavior. The talk highlights both the opportunities and the epistemic risks of this shift, outlining what responsible, interdisciplinary AI-augmented computational social science could look like.

### About the Speaker

Jennifer Haase is a psychologist and creativity researcher at the Weizenbaum Institute and Humboldt-Universität zu Berlin. Her work examines how generative AI reshapes human creativity, cognition, and knowledge work, with a particular focus on human–AI co-creativity and the role of agentic LLM systems in the social sciences. She leads the research group “Security and Transparency of Digital Processes” and develops theoretical and methodological frameworks for understanding how increasingly autonomous AI systems mediate thinking, decision-making, and social interaction. Her recent publications include contributions to creativity assessment, multi-agent LLM architectures, and AI-augmented research practices.

### Zoom Meeting (For participants who couldn't attend the Seminar in person)

<https://hku.zoom.us/j/6985555998?pwd=V05yTGJWNTIzazd2OFZ0Q3FReHVkdz09>

Meeting ID: 698 555 5998 | Password: Psyc

~ All are Welcome ~

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