

## ***Communicating with Machines: The Rising Power of Digital Interlocutors in Our Lives***

Post-Conference held in conjunction with ICA 2016  
Fukuoka Sea Hawk Hilton  
Fukuoka, Japan  
June 14, 2016

### **Post-Conference Sponsors:**

University of Illinois at Chicago – Dept. of Comm.  
Northern Illinois University – Dept. of Comm.  
The University of Kentucky – College of Comm. & Information, School of Info. Science  
Communication and Social Robotics Lab – Western Michigan University

### **Keynote Sponsors:**

International Communication Association  
Carl Couch Center for Social and Internet Research

### **Schedule:**

8:30 – 8:45 Welcome & Introductions  
8:45 – 9:45 Theorizing Communication with Machines  
9:45 – 9:55 Morning Break  
9:55 – 10:45 a.m. Self-Reflections in the Machine  
10:50 – 11:50 2016 Steve Jones Internet Research Lecture: Leopoldina Fortunati  
11:55 – 12:35 – Lunch  
12:40 – 1:40 Learning to Communicate with Robots  
1:45 – 2:35 Poster Session with Afternoon Refreshments  
2:40 – 3:40 Automated Communication  
3:40 – 4:00 Open Discussion

### **Theorizing Communication with Machines**

1. *What is Human-Machine Communication Anyway?*  
Andrea L. Guzman, Northern Illinois University
2. *Communication Near the End of its Exceptionalism*  
Steve Jones, University of Illinois at Chicago
3. *Animals, Humans, and Machines: Interactive Implications of Ontological Classification*  
Autumn Edwards, ComBot Lab, Western Michigan University
4. *Agency in the Age of Intelligent Machines*  
Gina Neff, Univ. of Washington; Péter Nagy, Central European Univ.

### **Self-Reflections in the Machine**

1. *Communicating with Machines and Other Non-human, Medical Things*  
Laura Forlano, Illinois Institute of Technology
2. *The Poetic Quantitative Self: Perceiving Cyborg as a Cultural Technique*  
Ido Ramati, The Hebrew University of Jerusalem
3. *My Algorithm: User Perceptions of Algorithmic Recommendations in Cultural Contexts*  
Terje Colbjørnsen, University of Oslo

### **Learning to Communicate with Robots**

1. *Negotiating Power, Aliveness and the Off-Switch in Human-Robot Relations*  
Eleanor Sandry, Curtin University
2. *Communicating with Robots: ANTalyzing the Interaction between Digital Interlocutors and Humans*  
Christoph Lutz, University of St. Gallen; Aurelia Tamò, University of Zurich
3. *Theorizing about Human-Machine Communication through Reciprocity*  
Seungcheol Austin Lee; Northern Kentucky Univ.; Yuhua (Jake) Liang, Chapman Univ.
4. *A Cross-Nationally Comparative Look at the Determinants of Attitudes Toward Robots*  
Rinaldo Kühne & Jochen Peter, University of Amsterdam
5. *Risky Robots: Using Robotic Delivery Platforms to Deliver Information Concerning Environmental Hazards*  
Kenneth Lachlan, University of Connecticut; Adam Rainear, University of Connecticut; Zhan Xu, University of Connecticut; Robert Rice, University of Kentucky; Xialing Lin, University of Kentucky, Patric R. Spence, University of Kentucky.

### **“Automated Communication”**

1. *Administrative Support Bots in Wikipedia: How Automation Can Transform The Affordances of Platforms and the Governance of Communities*  
R. Stuart Geiger, University of California – Berkley
2. *Artificial Intelligence, Social Media, and Newsgathering*  
Neil Thurman, LMU University of Munich; Steve Schifferes, City University, London; Stephen Hunt, City University, London
3. *Intrusion of Robot into Journalism: Comparing the Quality of News Written by a Robot and a Human Journalist*  
Jaemin Jung, Korea Advanced Institute of Science & Technology; Youngju Kim, Korea Press Foundation
4. *Semi-Autonomous Fan Fiction: Examining Japanese Character Bots as Socialbots*  
Keiko Nishimura, University of North Carolina

## Poster Presentations:

1. *Racially Identified Twitterbots: Perceptions of Communication Competence and Credibility.*  
Chad Edwards, Henry Goble, and Austin Beattie; Western Michigan University
2. *Receiver Apprehension, Learning, and Telepresence-Mediated Messages: Submersive Viewing Vs. 2-D Viewing.*  
Kathleen Martini, Noelle M. Massey, and Eric Mishne; Western Michigan University
3. *Using Anthropomorphic Agents for Persuasion*  
Sookyung Cho, Northern Kentucky Univ.; Seungcheol Austin Lee, Northern Kentucky Univ.; Yuhua (Jake) Liang, Chapman Univ.
4. *Revealing the True Self to AI? Comparing the Human-Human And Human-AI First Social Interactions*  
Yi Mou, Shanghai Jiao Tong University
5. *Audience Identification and Species Solipsism in the Representation of Artificial Intelligence in Film and Television Science Fiction*  
Eddie Brennan, Dublin Institute of Technology
6. *Persuasive Computing: Bridging SIDE and the CASA Paradigm*  
Kun Xu, Temple University

## Keynote: 2016 Steve Jones Internet Research Lecture

*Feminism, Labor and the Mechanization of Everyday Life*

Leopoldina Fortunati

Sociology of Communication and Sociology of Cultural Processes

Faculty of Education

University of Udine, Italy

### Abstract

My presentation privileges a political economy approach to the issue of machines diffusion in everyday life, which connects machines with labor, value production and struggles/resistance, especially by women, against the present organization and division of labor. In the first part, I will focus on the social and political role of machines in society.

In the second part of my presentation, I will focus on social robots, which can be considered in many ways the next new media. Some social robots built in recent years in many laboratories are ready to be launched on the market and more generally placed in society. But the conceptual tools to handle this last mile to go still need to be fully developed. When an object of such technological complexity and with such rhetorical power, like robots are, is no longer used only by niches of innovators or users (such as autistic) but is proposed as a good of mass consumption, a series of problems, new themes and strategies comes into the spotlight.