

KUN XU

Email: kun.xu@ufl.edu

Phone: 330-389-2118

Website: <https://xkunnet.github.io>

ACADEMIC APPOINTMENTS

University of Florida

Fall 2019 - present

Assistant Professor of Emerging Media

Department of Media Production, Management, and Technology

College of Journalism and Communications

UF Global Fellow; UF Trust Scholar; Affiliated faculty at UF AI² Center

Temple University

Spring 2019

Adjunct Professor

Department of Media Studies and Production

Klein College of Media and Communication

RESEARCH INTERESTS

Topic areas: human-robot interaction, human-computer interaction, virtual reality, augmented reality, social/spatial presence, explainable artificial intelligence, psychological processing of media

Methods & Analyses: lab experiment, multivariate analyses, structural equation modeling, multilevel modeling, machine learning, geographic information systems, visual analyses

EDUCATION

Temple University

2018

Ph.D., Media and Communication

Committee: Matthew Lombard (Chair), Tony Liao, Nancy Morris, Shanyang Zhao

Kent State University

2013

M.A., Communication Studies

Committee: Paul Haridakis (Co-chair), Meichen Lin (Co-chair), Janet Meyer

Shanghai International Studies University

2011

B.A., International Journalism, German (minor)

Certificates

University of Michigan

2023

Certificate of Machine Learning in Uncovering Hidden Structure in Data

University of North Carolina at Chapel Hill

2019

Certificate of Machine Learning in Automated Text Analysis

Temple University

2017

Certificate of Teaching in Higher Education

PUBLICATIONS

*denotes graduate student at the time of collaboration

Peer-Reviewed Journal Articles

- 28 **Xu, K.** (2023). A mini imitation game: How individuals model social robots via behavioral outcomes and social roles. *Telematics & Informatics*, 78, 101950. SSCI. 5-year impact factor: 8.9.
- 27 **Xu, K.**, *Chen, M., & You, L. (2023). The hitchhiker's guide to a credible and socially present robot: Two meta-analyses of the power of social cues in human-robot interaction. *International Journal of Social Robotics*, 15, 269-295. SCI. 5-year impact factor: 4.9.
- 26 Kim, J., Merrill, K., Jin, X., Collins, C., & **Xu, K.** (2023). Trust, perceived usefulness, and intentions to adopt robotic health advisors for physical and relational health issues. *The Social Science Journal*. SSCI. 5-year impact factor: 2.1.
- 25 Kim, J., Merrill, K., **Xu, K.**, & Collins, C. (2023). My health advisor is a robot: Understanding intentions to adopt a robotic health advisor. *International Journal of Human-Computer Interaction*. SSCI & SCI. 5-year impact factor: 4.7.
- 24 *Liu, W., **Xu, K.**, & Yao, M. (2023). Can you tell me about yourself? The impacts of chatbot names and communication contexts on users' willingness to self-disclose information in human-machine conversations. *Communication Research Reports*.
- 23 **Xu, K.**, *Chen, X., & Huang, L. (2022). Deep mind in social responses to technologies: A new approach to explaining the Computers Are Social Actors phenomena. *Computers in Human Behavior*, 134, 107321. SSCI. 5-year impact factor: 10.2.
- 22 **Xu, K.**, Chan-Olmsted, S., *Liu, F. (2022). Smart speakers require smart management: Two routes from user gratifications to privacy settings. *International Journal of Communication*, 16, 192-214. SSCI. 5-year impact factor: 2.1.
- 21 Kim, J., Merrill, K., **Xu, K.**, & Kelly, S. (2022). Perceived credibility of an AI instructor in online education: The role of social presence and voice features. *Computers in Human Behavior*, 136, 107383. SSCI. 5-year impact factor: 10.2.
- 20 Kim, J., Merrill, K., **Xu, K.**, & Sellnow, D. (2022). Embracing AI-based education: Perceived social presence of human teachers and expectations about machine teachers in online education. *Human-Machine Communication*, 4, 169-185.
- 19 Kim, J., **Xu, K.**, Merrill, K. (2022). Man vs machine: Human responses to an AI newscaster and the role of social presence. *Social Science Journal*. SSCI. 5-year impact factor: 2.1.
- 18 Kim, J., Merrill, K., **Xu, K.**, & Sellnow, D. (2021). I like my relational machine teacher: An AI instructor's communication styles and social presence in online education. *International Journal of Human-Computer Interaction*, 37, 1760-1770. SSCI & SCI. 5-year impact factor: 4.7.
- 17 Lombard, M., & **Xu, K. (corresponding author)** (2021). Social responses to media technologies in the 21st century: The Media are Social Actors paradigm. *Human-Machine Communication*, 2, 29-55.
- 16 **Xu, K.** (2020). Language, modality, and mobile media use experiences: Social responses to smartphones in a task-oriented context. *Telematics and Informatics*, 48, 101344. SSCI. 5-year impact factor: 8.9.
- 15 **Xu, K.**, & Liao, T. (2020). Explicating cues: A typology for understanding emerging media technologies. *Journal of Computer-Mediated Communication*, 25(1), 32-43. SSCI. 5-year impact factor: 8.7.
- 14 **Xu, K.**, *Liu, F., Mou, Y., Wu, Y., Zeng, J., & Schafer, M. (2020). Using machine learning to learn machines: A cross-cultural study of users' responses to machine-generated art works. *Journal of Broadcasting and Electronic Media*, 64, 566-591. SSCI. 5-year impact factor: 3.20.

- 13 Kim, J., Merrill, K., **Xu, K.**, & Sellnow, D. (2020). My teacher is a machine: Understanding students' perception of AI teaching assistants in online education. *International Journal of Human-Computer Interaction*, *36*, 1902-1911. SSCI & SCI. 5-year impact factor: 4.7.
- 12 Liao, T., & **Xu, K.** (2020). A process approach to understanding multiple open-source innovation contests: Assessing the contest structures, execution, and participant responses in the Android Developer Challenges. *Information and Organization*, *30*, 100300. SSCI. 5-year impact factor: 8.4.
- 11 Liao, T., Yang, H., Lee, S., **Xu, K.**, Bennett, S. (2020). Augmented criminality: How people process in-situ augmented reality crime information in relation to space/place. *Mobile Media and Communication*, *8*, 360-378. SSCI. 5-year impact factor: 4.8.
- 10 Mou, Y., Shi, C., Shen, T., & **Xu, K.** (2020). A systematic review of the personality of robot: Mapping its conceptualization, operationalization, contextualization, and effects. *International Journal of Human-Computer Interaction*, *36*, 591-605. SSCI. 5-year impact factor: 4.7.
- 9 Steiner, E., & **Xu, K.** (2020). Binge-watching motivates change: How the uses and gratifications of streaming video viewers are challenging traditional audience research. *Convergence: The International Journal of Research into New Media Technologies*, *26*(1), 82-101. SSCI. 5-year impact factor: 2.9.
- 8 Wu, Y., Mou, Y., Li, Z., & **Xu, K.** (2020). Investigating American and Chinese subjects' explicit and implicit perceptions of AI-generated artistic work. *Computers in Human Behavior*, *104*, 106086. SSCI. 5-year impact factor: 10.2.
- 7 **Xu, K.** (2019). First encounter with robot Alpha: How individual differences interact with vocal and kinetic cues in users' social responses. *New Media & Society*, *21*, 2522-2547. SSCI. 5-year impact factor: 6.9.
- 6 Mou, Y., **Xu, K.**, & Xia, K. (2019). Unpacking the black box: Examining the (de)gender categorization effect in human-machine communication. *Computers in Human Behavior*, *90*, 380-387. SSCI. 5-year impact factor: 10.2.
- 5 **Xu, K.** (2018). Painting Chinese mythology: Varying touches on the magazine covers of Time, The Economist, Der Spiegel, and China Today. *International Communication Gazette*, *80*, 135-157. SSCI. 5-year impact factor: 2.2.
- 4 **Xu, K.** (2018). Location speaks: Using GIS approach and Weibo check-in data to understand information communication in China. *China Media Research*, *14*, 29-43.
- 3 **Xu, K.**, & Lombard, M. (2017). Persuasive computing: Feeling peer pressure from multiple computer agents. *Computers in Human Behavior*, *74*, 152-162. SSCI. 5-year impact factor: 10.2.
- 2 Mou, Y. & **Xu, K.** (2017). The media inequality: Comparing the initial human-human and human-AI social interactions. *Computers in Human Behavior*, *72*, 432-440. SSCI. 5-year impact factor: 10.2.
- 1 **Xu, K.**, Lin, M., & Haridakis, P. (2015). Being addicted to Chinese Twitter: Exploring the roles of users' expected outcomes and deficient self-regulation in social network service addiction. *China Media Research*, *11*(2), 1-16.

Published Proceedings

- 5 Yerebakan, M. O., Hao, S., **Xu, K.**, Gheisari, M., Jeelani, I., Hu, B. (2021). Effect of illumination on human drone interaction tasks: An exploratory study. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, *65*(1), 1485-1489. Sage.

- 4 **Xu, K.** (2018). Action speaks louder than words: A preliminary study of users' social responses to social robots' movements and voices. *Proceedings of the 18th Conference of the International Society for Presence Research*. ISBN: 978-0-9792217-6-7
- 3 **Xu, K.**, & Lombard, M. (2018). Media are social actors: The role of social cues. *Proceedings of the 18th Conference of the International Society for Presence Research*. ISBN: 978-0-9792217-6-7
- 2 Lombard, M., Selverian, M., Steiner, E., **Xu, K.**, & Yang, H. (2018). Implications of presence portrayals in popular culture: Challenges for the future of technology and humanity. *Proceedings of the 18th Conference of the International Society for Presence Research*. ISBN: 978-0-9792217-6-7
- 1 Liao, T., Yang, H., Lee, S., **Xu, K.**, Feng, P., & Bennett, S. (2017). Augmented criminality: How mobile augmented reality crime overlays affect people's sense of place. *AoIR Selected Papers of Internet Research*, 6.

Book Chapters and Translation

- 5 Lombard, M., **Xu, K.**, Melissa, S. (in press). Future presence: Living with humanlike robots. In A. Edwards & Fortunati, L. (Eds.) *De Gruyter handbook of robots in society and culture*. De Gruyter: Berlin.
- 4 **Xu, K.**, *Liu, F., *Chen, X., & Lombard, M. (2023). The Media are Social Actors paradigm and beyond: Theory, evidence, and future research. In S. Nah (Ed.), *Research handbook on artificial intelligence and communication*, pp. 337-354. Edward Elgar.
- 3 **Xu, K.**, & Jeong, D. (2023). Social presence. In A. Guzman, R. McEwen, & S. Jones (Eds.), *The handbook of human-machine communication*, pp. 287-293. Sage.
- 2 Lombard, M., Lee, S., Sun, W., **Xu, K.**, & Yang, H. (2017). Presence theory. In P. Roessler, C. Hoffner, & L. Van-Zoonen (Eds.), *International encyclopedia of media effects*, pp. 1-13. Wiley-Blackwell.
- 1 Wallace, M., & Knobel, B. (2017). *Heat and light: Advice for the next generation of journalists*. (C. Hua, & **K. Xu**, Trans.). PRC: China Renmin University Press Co., LTD.

Publications in Foreign Language

- 3 Mou, Y., Xia, K., Novozhilova, E., & **Xu, K.** (2019). [Information processing, attitudes, and perception regarding AI-generated content: An experimental study of dual process theory.] *Journalism Research*, 8.
- 2 Mou, Y., & **Xu, K.** (2018). [What is human-machine communication? A global vision for an emerging communication area]. *Jianghuai Forum*, 2, 149-154.
- 1 Mou, Y., & **Xu, K.** (2017). [Human-machine communication: An emerging communication realm]. In B. Li., & Y., Mou. (Eds.), *Future media: Opportunities and challenges*, pp. 42-51. Shanghai: Shanghai Jiao Tong University Press.

RESEARCH GRANTS

Co-PI, Meta Grant, People's expectations and experiences with digital privacy. \$100,000.	2023
PI, UF Trust Consortium Scholarship, University of Florida. \$5,000.	2022-2023
PI, UF Global Fellowship, UF Global Fellows Program. \$5,000.	2021-2022
PI, Dean's Seed Money Award, UF College of Journalism and Communications. \$5,000	2019-2020
PI, Dissertation Completion Grant, Temple University. \$11,000	2018

HONORS & AWARDS

- Top Faculty Paper Award** in the Division of Communication and the Future at the National Communication Association (NCA), New Orleans, LA, USA *2023*
- Denis McQuail Award** for the best article advancing communication theory in previous two years, the Amsterdam School of Communication Research, “Social responses to media technologies in the 21st Century: The Media are Social Actors paradigm” *2022*
- The Yuhua (Jake) Liang Top Paper Award** at the HMC Preconference of the International Communication Association (ICA), Paris, France *2022*
- Top Faculty Paper Award** in the Division of Communication and the Future at the National Communication Association (NCA), Seattle, WA, USA *2021*
- Annual Faculty Research Award**, College of Journalism and Communications, UF *2021*
- UF Trust Consortium Scholar**, UF Consortium on Trust in Media & Technology *2021-2022*
- Global Fellow Award**, Office of Global Research & International Center, UF *2020-2021*
- Top Paper Award** in the Division of Communication and Technology at the International Communication Association (ICA), Prague, Czech Republic *2018*
- Best Paper Award** at the Annual Conference of the Chinese Association for History of Journalism and Mass Communication (CAHJC), China *2018*
- Top Paper Award** at the Global Communication Forum at the International Communication Association Regional Conferences, Shanghai, China *2017*
- Top Paper Award** at the Global Communication Forum at the International Communication Association Regional Conferences, Shanghai, China *2016*
- Second Place Winner of Shanghai Short Film Competition, Director and Producer, Shanghai International Film Festival, Shanghai, China *2010*

CONFERENCE PRESENTATIONS

- 59 **Xu, K.**, & Shi, J. (2024). Explainable AI research is (partly) communication research: Initiating conversations between the two fields. Paper presented at the Annual Conference of the International Communication Association, Golden Coast, Australia.
- 58 **Xu, K.** (2024). Understanding social responses to emerging technologies: Linking and distinguishing key concepts. Panel on “explicating social other-ness: Implications of emerging communication technologies” at the Annual Conference of the International Communication Association, Golden Coast, Australia.
- 57 Pandita, S., Ratan, R., Kim, T., Jang, D., Lim, C., **Xu, K.**, . . . & Aymerich-Franch, L. (2024). The development and validation of the motivations for avatar-mediated meetings (MAMM) scale. Paper presented at the Annual Conference of the International Communication Association, Golden Coast, Australia.
- 56 Chen, Y., Li, J., **Xu, K.**, & Chan-Olmsted, S. (2024). A double-edged sword: How AI-powered tracking technologies facilitate presence experiences but evoke privacy concerns in VR environments. Paper presented at the Meaningful XR conference, CA, U.S.A.

- 55 Li, J., & **Xu, K.** (2024). Schrödinger's robot: Social robots as the superposition of artificiality and sociality. Paper presented at the CIRC preconference of the Annual Conference of the International Communication Association, Brisbane, Australia.
- 54 **Xu, K.**, Liu, F., Chen, X. (2023). A mini imitation game: How individuals model social robots via behavioral outcomes and social roles. Paper presented at the Annual Conference of the International Communication Association, Toronto, Canada.
- 53 Kim, J., Jin, X., **Xu, K.**, Chen, X. (2023). What do people talk about Replika? Investigating how Replika is discussed and interpreted among groups with different interests. Paper presented at the Annual Conference of the International Communication Association, Toronto, Canada.
- 52 Kim, J., Kelly, S., **Xu, K.**, & Merrill, Jr. K. (2023). Teachers are supposed to behave like...: The moderating role of social presence in perceptions of AI-based education. Paper presented the annual conference of Southern States Communication Association, St. Petersburg, FL, USA.
- 51 Lombard, M., Ahn, S. J., Edwards, A., Liao, T., Lin, T., **Xu, K.** (2023). Enhancing lab research: How to establish and manage a successful communication and technology lab. Blue Sky Workshop at the Annual Conference of the International Communication Association, Toronto, Canada.
- 50 Shi, J., **Xu, K.**, Chen, X. (2023). Tweaking the messages and opening the black box: Combining persuasive AI and explainable AI for mental help-seeking. Paper presented at the Annual Conference of the International Communication Association, Toronto, Canada.
- 49 **Xu, K.**, Chen, X., & Huang, L. (2022). Deep mind in social responses to technologies: A new approach to explaining the CASA phenomena. Paper presented at the Annual Conference of the International Communication Association, Paris, France.
- 48 **Xu, K.**, Chan-Olmsted, S., Son, R., Chang, H., Kyles, T., & Ruffin, L. (2022). Do you trust your smart speaker? The effects of individual differences, motives, and value creation. Paper presented at the Annual Conference of the International Communication Association, Paris, France.
- 47 Feng, P., & **Xu, K.** (2022). An exploration of Hollywood movie trailers' editing pattern evolution over time. Paper presented at the Annual Conference of the International Communication Association, Paris, France.
- 46 Kim, J., Merrill, K., Jin, X., Collins, C., & **Xu, K.** (2022). **(Top Paper Award)** I trust my robotic health advisor: Understanding people's trust and intentions. Paper presented at the Communication and the Future Division at the Annual Conference of the National Communication Association, New Orleans, LA, USA.
- 45 Kim, J., Merrill, K., **Xu, K.**, & Collins, C. (2022). My health advisor is a robot: Understanding people's intentions to adopt a robotic health advisor. Paper presented at the Annual Conference of the International Communication Association, Paris, France.
- 44 Liao, T., & **Xu, K.** (2022). **(Top Paper Award)** Is it time for augmented reality theory? Human-machine communication when humans wear machines. Paper presented at the Human-Machine Communication Preconference of the International Communication Association, Paris, France.
- 43 Liu, F., Makady, H., & **Xu, K.** (2022). **(Top Paper Panel)** Mapping the landscape of human-machine communication research: A systematic review of empirical research from 2010-2021. Paper presented at the Annual Conference of the International Communication Association, Paris, France.
- 42 Liu, W., **Xu, K.**, Yao, M. (2022). Predicting user self-disclosure to a chatbot: The roles of social cues and contexts. Paper presented at the Annual Conference of the International Communication Association, Paris, France.

- 41 **Xu, K.**, Chan-Olmsted, S., & Liu, F., (2021). Smart speakers require smart management: How user gratifications affect privacy settings via social presence and privacy concerns. Paper presented at the Annual Conference of the International Communication Association, Denver, CO. (online due to the pandemic)
- 40 Chen, M., You, L., & **Xu, K.** (2021). How to build a credible and socially present robot? A meta-analysis of the power of social cues in human-robot interaction. Paper presented at the Annual Conference of the International Communication Association, Denver, CO. (online due to the pandemic)
- 39 Kim, J., Merrill, K., **Xu, K.**, & Kelly, S. (2021). (Top Faculty Paper Award) Perceived credibility of an AI instructor in online education: The role of social presence and voice features. Paper presented at the Division of Communication and Future at the Annual Conference of the National Communication Association, Seattle, WA.
- 38 Kim, J., Merrill, K., **Xu, K.**, & Sellnow. (2021). I like my relational machine teacher: An AI teacher's communication styles and social presence in online education. Paper presented at the Annual Conference of the International Communication Association, Denver, CO. (online due to the pandemic)
- 37 Kim, J., Merrill, K., **Xu, K.**, & Sellnow, D. D. (2021). From a human teacher to a machine teacher: Importance of social presence in online education. Paper presented at the Annual Conference of Central States Communication Association, Cincinnati, OH.
- 36 Yerebakan, M. O., Hao, S., **Xu, K.**, Gheisari, M., Jeelani, I., Hu, B. (2021). Effect of illumination on human drone interaction tasks: An exploratory study. Paper presented at the Annual Conference of Human Factors and Ergonomics Society (HFES).
- 35 **Xu, K.** (2020). From CASA to MASA: Implications of cues in human-robot interaction and human-phone interaction. Paper presented at the Artificial Intelligence Research (AIR) Conference, Los Angeles, CA.
- 34 **Xu, K.** (2020). Language, modality, and mobile media use experiences: Social responses to smartphone cues in a task-oriented context. Paper presented at the Annual Conference of the International Communication Association, Gold Coast, Australia. (online due to the pandemic)
- 33 **Xu, K.**, Liu, F., Mou, Y., Wu, Y., Zeng, J., & Schafer, M. (2020). Using machine learning to learn machines: A cross-cultural study of users' responses to machine-generated art works. Paper presented at the Annual Conference of the International Communication Association, Gold Coast, Australia. (online due to the pandemic)
- 32 Kim, J., Merrill, K., **Xu, K.**, & Sellnow, D. (2020). My teacher is a machine: Understanding students' perceptions about artificial intelligence in online education. Paper presented at the Annual Conference of the International Communication Association, Gold Coast, Australia. (online due to the pandemic)
- 31 Kim, J., Merrill, K., & **Xu, K.**, Sellnow, D. D. (2020). I like my relational machine teacher: The mediating role of social presence. Paper presented at the ACM/IEEE International Conference of Human-Robot Interaction, Cambridge, U.K.
- 30 Novozhilova, E., Mou, Y., **Xu, K.**, Zeng, J., & Schafer, M. (2020). Perceiving AI-generated content: A comparison among American, Chinese, and German respondents. Paper presented at the Annual Conference of the International Communication Association, Gold Coast, Australia. (online due to the pandemic)
- 29 **Xu, K.** (2019). First encounter with robot Alpha: How individual differences interact with vocal and kinetic cues in users' social responses. Paper presented at the Annual Conference of the

National Communication Association, Baltimore, MD.

- 28 **Xu, K.** (2019). Is effective gaming an individual behavior? The effects of socioeconomic environments across regions with hierarchical linear models. Paper presented at the Annual Conference of the National Communication Association, Baltimore, MD.
- 27 **Xu, K.** (2019). Lost in chatbots: Group identity and social presence as sequential mediators in group communication with machines. Paper presented at the Annual Conference of the International Communication Association, Washington D.C.
- 26 Kim, J., Merrill, K., **Xu, K.**, & Sellnow, D. D. (2019). The role of social presence in enhancing online learning experiences with machine teachers. Paper presented at the Annual Conference of Media Psychology, Chemnitz, Germany.
- 25 Kim, J., **Xu, K.**, & Merrill, K. (2019). Investigating social presence among human and robot news anchors. Paper presented at the 14th Annual ACM/IEEE International conference on Human-Robot Interaction.
- 24 ou, Y., Wu, Y., Li, Z., & **Xu, K.** (2019). (**Top Paper Panel**). American and Chinese subjects' explicit and implicit perceptions of AI-generated content: A mixed-methods approach. Paper presented at the Annual Conference of the Association for Education in Journalism and Mass Communication, Toronto, Canada.
- 23 Mou, Y., Shi, C., Shen, T., & **Xu, K.** (2019). Heart of the machine: Conceptualization, operationalization, and effects of personality of robot. Paper presented at the Annual Conference of the International Communication Association, Washington D.C.
- 22 **Xu, K.**, & Liao, T. (2018). (Top Faculty Paper Award). Cue the future: Bridging computer-mediated communication and human-computer interaction. Paper presented at the Division of Communication and Technology at the Annual Conference of the International Communication Association, Prague, Czech Republic.
- 21 **Xu, K.** (2018). Action speaks louder than words: A preliminary study of users' social responses to social robots' movements and voices. Paper presented at the 18th Conference of International Society for Presence Research, Prague, Czech Republic.
- 20 **Xu, K.**, & Lombard, M. (2018). Media are social actors: The role of social cues. Paper presented at the 18th Conference of International Society for Presence Research, Prague, Czech Republic.
- 19 Lombard, M., Selverian, M., Steiner, E., **Xu, K.**, & Yang, H. (2018). Implications of presence portrayals in popular culture: Challenges for the future of technology and humanity. Paper presented at the 18th Conference of International Society for Presence Research, Prague, Czech Republic.
- 18 Xia, K., Novozhilova, E., Mou, Y., **Xu, K.** (2018). (Best Paper Award) Information processing, attitude, and cognition of the AI created content. Paper presented at the Annual Conference of the Chinese Association for History of Journalism and Mass Communication (CAHJC), China.
- 17 Mou, Y., Shi, C., Shen, T., & **Xu, K.** (2018). Heart of the machine: Conceptualization, operationalization, evaluation, and contextualization of machine personality. Paper presented at the Human-Machine Communication Preconference of the International Communication Association, Prague, Czech Republic.
- 16 **Xu, K.** (2017). A trinity of communication modes: The Convergence of CMC and HCI on cues and social presence. Paper presented at the Annual Conference of the International Communication Association, San Diego, CA.
- 15 **Xu, K.**, & Lombard, M. (2017). Only if you are human enough: Feeling peer pressure from multiple computer agents. Paper presented at the Annual Conference of the International Communication

Association, San Diego, CA.

- 14 Mou, Y., & **Xu, K.** (2017). De-sex-categorization effect in human-machine communication. Paper presented at the Human-Machine Communication Preconference of the International Communication Association, San Diego, CA.
- 13 Mou, Y., & **Xu, K.** (2017). (**Top Paper Award**). De-sex-categorization in human-machine communication. Paper presented at the Global Communication Forum at ICA Regional Conferences. Shanghai, China.
- 12 **Xu, K.** (2016). Location speaks: Using GIS approach and Weibo check-in data to understand information communication in China. Paper presented at the Annual Conference of the International Communication Association. Fukuoka, Japan.
- 11 **Xu, K.** (2016). Persuasive computing: Bridging SIDE and the CASA paradigm. Paper presented at the Human-Machine Communication Postconference at the International Communication Association, Fukuoka, Japan.
- 10 **Xu, K.**, & Lombard, M. (2016). Media are social actors: Expanding the CASA paradigm in the 21st Century. Paper presented at the Annual Conference of the International Communication Association, Fukuoka, Japan.
- 9 Liao, T., Lombard, M., Lee, S., Sun, W., **Xu, K.**, & Yang, H. (2016). Academically Capturing Pokémon Go: Understanding the Social Practices and Implications of Mobile AR Gaming. Paper presented at the Gaming Studies Preconference of the National Communication Association, Philadelphia, PA.
- 8 Liao, T., Yang, H., Lee, S., **Xu, K.**, Feng, P., & Bennett, S. (2016) Augmented Criminality: How Mobile Augmented Reality Crime Overlays Affect People's Sense of Place. Paper presented at the Association of Internet Researchers AoIR 2016. Berlin, Germany.
- 7 Liao, T., Yang, H., Lee, S., **Xu, K.**, Feng, P., & Bennett, S. (2016). Augmented criminality: Examining how Mobile Augmented Reality Crime Overlays affect Fear, Emotion, and Perceptions of Crime. Paper presented at the Annual Conference of the International Communication Association, Fukuoka, Japan.
- 6 Lombard, M., Kim, J., Lee, S., Liao, T., Sun, W., **Xu, K.**, & Yang, H. (2016). Presence and Pokémon: Unpacking the Appeal. Paper presented at the Gaming Studies Preconference of the National Communication Association, Philadelphia, PA.
- 5 **Xu, K.**, & Steiner, E. (2016). Binge-watching motivates change: How the uses and gratifications of streaming video viewers are challenging traditional audience research. Paper presented at the Annual Conference of the International Communication Association, Fukuoka, Japan.
- 4 Mou, Y., & **Xu, K.** (2016). (**Top Paper Award**). Human-machine communication: An emerging communication realm. Paper presented at the Global Communication Forum at ICA Regional Conferences. Shanghai, China.
- 3 **Xu, K.** (2015). Exploring and explicating the myths of a multifaceted China: Comparing China's national image through the lens of self-presentation and mainstream western magazine covers. Paper presented at the Annual Conference of the International Communication Association, San Juan, Puerto Rico.
- 2 **Xu, K.** (2014). Being addicted to China Weibo: Exploring the roles of Users' expected outcomes and deficient self-regulation in social network service addiction. Paper presented at the Annual Conference of the National Communication Association, Chicago, IL.

- 1 Lombard, M., Selverian, M., **Xu, K.**, & Yang, H. (2014). Future presence: Hopes, fears, and predictions based on popular culture portrayals. Paper presented at the Annual Conference of the National Communication Association, Chicago, IL.

INVITED TALKS

External Guest Talks

- “Social cues in human-robot interaction: Theory construction and empirical evidence”, Shanghai Jiao Tong University, China *2023*
- “Human-computer relationship in a cross-cultural context: ChatGPT vs. ERNIE Bot”, Beijing Normal University, China *2023*
- “Cue the future: Three theoretical frameworks about human-AI communication”, University of Southern California (USC), U.S.A. *2023*
- “Lab experiment design: Basic principles and trade-offs”, Peking University, China *2022*
- “The role of cues in human-computer interaction: Effects and potential applications”, Peking University, China *2021*
- “Computer-Mediated Communication and Human-Computer Interaction”, Hong Kong Baptist University, HKSAR *2021*
- “Technology-Mediated Social Behavior”, Beijing Normal University, China *2020*
- “Computer-Mediated Communication and Human-Computer Interaction”, Hong Kong Baptist University, HKSAR *2020*
- “Introduction to Research Methods”, HOSA-Future Health Professionals, sponsored by educational institution HOSA and SKT, Shanghai, China *2020*
- “From CASA to MASA: Implications of Cues in Human-Robot Interaction and Human-Phone Interaction”, Artificial Intelligence Research (AIR) Conference, University of California Los Angeles (UCLA), U.S.A. *2020*
- “Media are social actors: The role of social cues”, the 18th Conference of International Society for Presence Research, Prague, Czech Republic *2018*

Internal Guest Talks

- “Humans, AI, & Society”, Principles of Journalism, JOU 3015, University of Florida *2024*
- “Q&A on UI & UX”, Gator User Design Panel, Digital World Institute, University of Florida *2024*
- “Persuasive technology”, Persuasion Theory & Research, PUR 5507, University of Florida *2023*
- “Technology”, Research Friday Panel, University of Florida *2023*
- “Persuasive computing: Examples of computer agents and social robots”, Persuasion Theory & Research, PUR 5507, University of Florida *2022*
- “Presence, CASA, and social robots”, Mass Communication Perspectives, MMC 6402, University of Florida *2022*
- “Cues, presence, and two ideas in human-computer interaction”, Cancer Communication & Technology Working Group, University of Florida *2022*
- “Persuasive computing: Examples of chatbots and smartphones”, Persuasion Theory & Research, PUR 5507, University of Florida *2021*

“Power of Cues: Three Theoretical Frameworks in Human-Machine Communication”, GSMCA Brown Bag Presentation, University of Florida	2021
“Digital Media Theory”, Mass Communication Theory, MMC 6400, University of Florida	2020
“Cue the Future: Bridging Computer-Mediated Communication and Human-Computer Interaction”, Mass Communication Perspectives, MMC 6402, University of Florida	2020
“Authorship, Editing, and Peer Reviews”, Colloquium, MMC 6929, University of Florida	2019
“Digital Media Theory”, Mass Communication Theory, MMC 6400, University of Florida	2019
“Semiotic and Visual Analyses”, Media Criticism, MSP 4153, Temple University	2018
“Artificial Intelligence and Society”, Technology and Culture, MSP 3421, Temple University	2017
“Robots and Society”, Technology and Culture, MSP 3421, Temple University	2016
“Understanding Quantitative Research Methods”, Qualitative Advertising Research, ADV 3043, Temple University	2014
“Cultivation Theory”, Introduction to Media Theory, MSP 1011, Temple University	2015

MEDIA PUBLICATIONS AND COVERAGE

How to build a trustworthy robot. Mentioned on Medium	October 2, 2023
The psychological mechanisms behind users’ social response to emerging technologies. Mentioned on Medium.	May 20, 2022
Man vs. machine: Human responses to AI. Mentioned on Medium.	Feb 10, 2022
Smart speakers require smart management. Mentioned on Medium.	Jan 13, 2022
Language, modality, and mobile media use experiences Mentioned on Medium.	May 15, 2021
Does the popularity of Clubhouse mean the “good old days” are back? Sole Authored on Medium.	Feb 8, 2021
AI teachers must be effective and communicate well to be accepted, new study finds. Mentioned on UCF Today.	Oct 30, 2020
Staying positive and productive: Tips from an International professor on managing the job search in the coronavirus age. Newsletter of the AEJMC Graduate Student Interest Group (GSIG)	Aug 2020
First encounter with Robot Alpha: How individuals respond to social robot’s vocal cues and gestural cues. Mentioned on Medium.	Sept 7, 2019
Explicating cues. Mentioned on Medium.	Jan 14, 2020

TEACHING

University of Florida

Human-Machine Communication (graduate level), MMC 6936	Fall 2020, Fall 2021, Fall 2022, Fall 2023
Computer-Mediated Communication (graduate level), MMC 6936	Spring 2020, Spring 2021, Spring 2022, Spring 2023, Spring 2024
Media User Experience, RTV 4930	Fall 2022, Spring 2023, Fall 2023, Spring 2024
Media and Society (large size), RTV 3405	Fall 2019, Spring 2020, Fall 2020,

Temple University

Internet Studies and Web Authoring (online), MSP 2741	Spring 2019
Media and Cultural Differences, MSP 3471	Spring 2019
Technology and Culture, MSP 3421	Spring 2017, Summer 2017
Mobile Media, MSP 4541	Fall 2016, Spring 2017, Fall 2017, Spring 2018
Future of Your TV, MSP 0821	Fall 2016

ACADEMIC SERVICE

Conference Organization & Leadership

International Liaison, Human-Machine Communication Interest Group, International Communication Association	May 2023-present
2nd Annual “International Meet the Lab” event organization with Dr. James Cummings, Dr. Sunny Liu, Dr. Astrid Rosenthal-von der Pütten, Dr. Tony Liao	March, 2024
Panel chairs, International Communication Association	2023-present
The 18th Conference of the International Society for Presence Research (ISPR), Orlando, FL, U.S.A. (moved online due to the COVID-19 pandemic)	October 2020
The 17th Conference of the International Society for Presence Research (ISPR), Prague, Czech Republic	May 2018
The Presence Pre-conference of the International Communication Association, Kyoto, Japan	May 2016

Journal/Conference Review Service

International Journal of Social Robotics	March 2024
Annals of the International Communication Association	November 2023
Nature Human Behavior	June 2023
ACM/IEEE International Conference on Human-Robot Interaction	2023
Environmental Communication	June 2023
Journal of Advertising	March 2023
Online Media and Global Communication	April 2023
ACM CHI Conference on Human Factors in Computing Systems	2022
International Journal of Communication	June 2022
Journal of Business Research	September 2022
Media Psychology	July 2022
International Journal of Human-Computer Studies	January 2022
Human Communication Research	July 2021, September 2021
Human-Machine Communication	2020, March 2022, September 2022, June 2023, August 2023
Journal of Social and Personal Relationships	2021
Journal of Computer-Mediated Communication	2019, 2020, 2021, 2022, January 2023
Journal of Communication Pedagogy	2020
Telematics and Informatics	2021, 2022, March 2023
New Media & Society	February 2018, April 2018, 2019, March 2020, August 2020 January 2021, December 2021, 2022
Computers in Human Behavior	2016, January 2017, March 2017, August 2017, 2019, 2021
Journal of Broadcasting and Electronic Media	2019, 2020

Cyberpsychology, Behavior, and Social Networking	July 2018, October 2018
Information Systems Research	2020
Communication Studies	2018, 2020
Frontiers in Communication	2020
Continuum: Journal of Media & Cultural Studies	2017
China Media Research	2016
Meaningful XR Conference	2024
IEEE Transactions on Systems, Man, and Cybernetics, Augmented and Virtual Reality	2021
Conferences of the International Society for Presence Research (ISPR)	2016-present
The International Communication Association	2013-present
The National Communication Association	2014-present
The Eastern Communication Association	2016

External Grant Review Service

Hong Kong Baptist University Start-up Grant Tier 2 2019/20 [RC-SGT2/19-20/COMM/001]	2016
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University and College Service

Task force on updating department bylaws, Department of Media Production, Management, and Technology, UF	2024
Authored an article on “AI and non-human agents” for Dean’s Report	2024
University commencement ceremony marshal	2022, 2023
Volunteer, Office of Asian Pacific Islander Desi Student Engagement, UF	2023-present
Faculty welfare and development committee, College of Journalism and Communications, UF	2022-2024
Budget and long-term planning committee, College of Journalism and Communications, UF	2020-2022
Task force on integration of curriculum and other activities, Department of Media Production, Management, and Technology, UF	2021-2022
Ph.D. student admission review	2019-present

Student Committee Advising Service

Doctoral students

Chair, Jiayue Lynn Li, College of Journalism and Communications, UF	
Chair, Xiaobei Chen, College of Journalism and Communications, UF	
Co-chair, Fanjue Liu, College of Journalism and Communications, UF	
Committee, Benjamin Vollmer, College of Journalism and Communications, UF	
Committee, Yeonsoo Jo, Department of Tourism, Hospitality, and Event Management, UF	
Committee, Andrew Maxim, Department of Computer and Information Science and Engineering (CISE), UF	
Committee, Weizi Liu, School of Information Sciences, University of Illinois, Urbana-Champaign (UIUC)	graduated 2024
Committee, Mustafa Ozkan Yerebakan, Department of Industrial and Systems Engineering, UF	graduated 2024
Committee, Heidi Makady, College of Journalism and Communications, UF	graduated 2023
Committee, Yoo Jin Chung, College of Journalism and Communications, UF	graduated 2022
Committee, Larissa Neuburger, Department of Tourism, Hospitality, and Event Management, UF	graduated 2021

Master students

Chair, Yunxiao Chen, College of Journalism and Communications, UF	graduated 2023
Chair, Loren Ruffin, College of Journalism and Communications, UF	graduated 2023
Committee, Gwiwon Nam, College of Journalism and Communications, UF	graduated 2023
Committee, Junyi Wang, College of Journalism and Communications, UF	graduated 2021

SKILLS

Data Analysis	SPSS, Mplus, R, Stata, HLM, Lisrel, Python, ArcGIS, Gephi
Multimedia editing	Avid, Final Cut Pro, GarageBand
Language	English, Mandarin, German (basic)

REFERENCES

Matthew Lombard, Associate Professor, Department of Media Studies and Production, Klein College of Media and Communication, Temple University, lombard@temple.edu

Tony Liao, Associate Professor, Department of Information Science Technology, Cullen College of Engineering, University of Houston, tcliao@uh.edu

Nancy Morris, Professor, Department of Media Studies and Production, Klein College of Media and Communication, Temple University, nancy.morris@temple.edu

Fabienne Darling-Wolf, Professor, Department of Journalism, Klein College of Media and Communication, Temple University, fdarling@temple.edu