

MICHAEL P. SIMEONE, PhD

Associate Research Professor
School for Complex Adaptive Systems, Arizona State University
Faculty Lead, ASU Data and Data Sciences Core

Email: michael.simeone@asu.edu | Phone: 217-377-0850

RESEARCH PROFILE

Interdisciplinary scholar working at the intersection of complexity science, artificial intelligence, and misinformation research. My work examines authority, trust, institutional dynamics, and collective behavior in digitally networked environments. I integrate computational modeling, network analysis, and institutional theory to analyze how meaning, power, and knowledge circulate in socio-technical systems. I lead federally funded, cross-sector research initiatives spanning national security, public health, governance, and AI-enabled decision systems.

SELECTED PEER-REVIEWED PUBLICATIONS

Artificial Intelligence, Misinformation, and Collective Behavior

Simeone, M. (Forthcoming). Value and vulnerability: A framework for understanding the complexity of misinformation use. *npj Complexity*.

Wang, J., Kiran, E., Aurora, S. R., Simeone, M., & Lobo, J. (2025). ChatGPT on ChatGPT: An exploratory analysis of its performance in the public sector workplace. *Digital Government: Research and Practice*, 6(2), 1–28.

Simeone, M., & Corman, S. R. (2025). Network ripple effects: How Twitter deplatforming flipped authority structure and discourse of the Arizona election review community. *SAGE Open*, 15(1).

Simeone, M., Roschke, K., & Walker, S. (2025). Evolutionary biology as a frontier for research on misinformation. *Politics and the Life Sciences*, 44(1), 139–141.

Bastos, M., Walker, S., & Simeone, M. (2021). The IMPED model: Detecting low-quality information in social media. *American Behavioral Scientist*, 65(6), 863–883.

Janssen, M. A., Balakrishna, R., Gharavi, L., Hong, Y.-C., Lee, A., Nguyen, C., & Simeone, M. (2024). Collective action within an environment of unknown unknowns: Experiences with the Port of Mars game. *PLOS ONE*, 19(8), e0308363.

Ahn, M., Balakrishna, R., Simeone, M., & Janssen, M. A. (2024). When does group chat promote cooperation in shared resource governance? *Humanities and Social Sciences Communications*, 11(1), 1–10.

Imagination, Technoculture, and Speculative World-Making

Simeone, M. (2011). Why we will not be posthuman: Gadgets as a technocultural form. *Configurations*, 19(3), 333–356.

Simeone, M. (2010). Plasticity's central canon: Plastics, Gravity's Rainbow, and the consumer practice of science fiction. *Genre: Forms of Discourse and Culture*, 43(1–2), 115–136.

Simeone, M., Koundinya, A. G. V., Kumar, A. R., & Finn, E. (2017). Towards a poetics of strangeness: Experiments in classifying language of technological novelty. *Journal of Cultural Analytics*, 2(1).

Simeone, M., Morris, C., McHenry, K., & Markley, R. (2018). The canoe and the superpixel: Image analysis of the changing shorelines on historical maps of the Great Lakes. *Journal18*.

Simeone, M., Morris, C., McHenry, K., & Markley, R. (2019). Mapping the Great Lakes: The somageography of water and land, 1615–1828. *Eighteenth-Century Fiction*, 32(1), 169–195.

Simeone, M. (2018). Resilient observation: Toward transformational research among environmental humanities and sciences. *Resilience*, 5(2), 36–48.

PUBLIC & POLICY SCHOLARSHIP

Simeone, M. (2015, June). How we strain to make voice-recognition systems understand us.” *Slate*.

Simeone, M. (2021, February 8). What COVID-19 dashboards aren't telling us.” *Slate*.

Simeone, M. (2022, July). Big Tech, Trump, and the politics of platform governance.” *Slate*.

Simeone, M. (2022, October). “Telegram and the alt-tech ecosystem after January 6.” *Slate*.

Simeone, M. (2021). “Insurrection, Inc.: What Telegram tells us about the business of populist revolt. *New America*.”

CURRENT ADVISORY & EXPERT WORK

Senior Research Fellow, Future Frontlines Program, New America – Research and policy leadership on misinformation, platform governance, and digital political mobilization.

Advisory Board Member, National Data & Innovation Forum (NDIF) – Strategic advisory role focused on data science, AI, ethics, and public-sector innovation.