Recent Paper/ Conference/Journal Publications

2026

• Raji, M., Ugwuoke, V., & Bashir, M. (2026). Deepfakes and data protection: Evaluating the effectiveness of African privacy laws in the age of AI. *Journal of Information Policy, 16* (in press). Google Scholar

• Raji, M. (2026). Enforcement of data protection laws in Africa: Implications for privacy engineers. *USENIX Conference on Privacy Engineering Practice and Respect*, Santa Clara, CA, United States (in press). Paper

• Raji, M., & Bashir, M. (2026). Towards agentic AI governance: A preliminary assessment. *International Conference on the AI Revolution Research Ethics and Society*, Las Vegas, NV (in press). https://doi.org/10.48550/arXiv.2607.07612

• Wang, T., Hassan, M., & Bashir, M. (2026). AI-driven digital twin system auditor for secure and trustworthy electronic health record operations. *Workshop on Trustworthy Artificial Intelligence in Healthcare, co-located with the IEEE International Conference on Healthcare Informatics*.

• Wang, T., Lee, J., & Bashir, M. (2026). Operationalizing differential privacy in healthcare cost regression: Coefficient utility, sample size, and group imbalance. *IEEE Symposium on Privacy Expectations*.

• Wang, T., & Bashir, M. (2026). When AI sounds more helpful: Users' perceptions of AI-generated and physician-provided health information. *Computers, 15*(9), 551.

• Xu, E., & Bashir, M. (2026). Trust calibration as a core mechanism of bidirectional human-AI alignment. *Human-AI Interaction Alignment Designing Evaluating and Evolving Value-Centered AI for Reciprocal Human-AI Futures Workshop at the ACM Conference on Human Factors in Computing Systems*, Barcelona, Spain. Workshop website

• Yener, R., Chen, G. H., Gumusel, E., & Bashir, M. (2026). Can I trust this chatbot? Assessing user privacy in AI-healthcare chatbot applications. *Proceedings of the Association for Information Science and Technology, 62*(1). Google Scholar

• Fike, A., Wang, T, Bashir, M. (2026) Determinants of Trust in High-Stakes AI Agent Decision Support, AHFE 2026 Conference, Fenerbahçe University, Istanbul, Türkiye, July 20-24

• Fike, A., Wang, T., Bashir, M. (2026) Trust Calibration Under Risk: A Review of High-Stakes Human–AI Interaction and Collaboration, Intelligent Systems Conference (IntelliSys) 2026, September 3–4, in Amsterdam, The Netherlands

• Hassan, M., Yener, R., Gumusel, E., & Bashir, M. (2026). AI Healthcare Chatbots as Information Infrastructure: Large-Scale Study of User-Reported Breakdowns. *ASIS&T 2026*.

• Hassan, M., Landau, S., Gunter, C., & Bashir, M. (2026). Conditional connectivity in home IoMT: A qualitative study of health-data information flows. *IEEE TPS*. (under review)

• Hassan, M., Gunter, C., Landau, S., & Bashir, M. (2026). Insights from GitHub community on the Matter standard: Developer perspectives and challenges. In *SDIoTSec 2026 (co-located with NDSS'26).* https://sdiotsec.github.io/accepted_papers/sdiotsec26-final46.pdf

• Hassan, M., Bashir, M., & Gunter, C. (2026). Security testbed and protocol extensibility for IoMT in cyber-physical systems. *EAI SmartSP*. (under review)

• Hassan, M., & Bashir, M. (2026). User privacy expectations in connected heart devices. In *Annual PrivaCI Symposium.*

• Raji, M., Ugwuoke, V., & Bashir, M. (2026). Data privacy and the governance of AI in Africa. In K. Yilma (Ed.), *The governance of AI in Africa: Interdisciplinary perspectives*. Edward Elgar Publishing. (Under review).

• Raji, M, Ugwuoke, V., & Bashir, M. (2026). Deepfakes and data protection: Evaluating the effectiveness of African privacy laws in the age of AI. *Journal of Information Policy* (In Press)

• Raji, M. (2026). *Enforcement of data protection laws in Africa: Implications for privacy engineers*. USENIX Conference on Privacy Engineering Practice and Respect (PEPR '26), Santa Clara, CA, United States. https://www.usenix.org/conference/pepr26/presentation/raji (In Press).

• Raji, M, & Bashir, M. (2026). *Towards Agentic AI governance: A preliminary assessment.* Proceedings of the International Conference on the AI Revolution: Research, Ethics, and Society (AIR-RES 2026), Las Vegas, NV (In Press). Preprint https://doi.org/10.48550/arXiv.2607.07612.

• Tang, L., Xu, E., Bashir, M. (2026). *The memory paradox: How AI agent memory and personality reshape trust calibration in human-agent collaboration*. Proceedings of the Human-Agent Interaction (HAI), November 16-19, Osaka, Japan.

• Wang, T., Hassan, M., & Bashir, M. (2026). AI-driven digital twin system auditor for secure and trustworthy EHR operations. In *TRUST-AI 2026 (co-located with IEEE ICHI'26)*.

• Wang, T., Chandrasekaran, V., Yener, R., & Bashir, M. (2026). Differential Privacy in AI-Driven Healthcare Contexts: A Systematic Review of Implementation Practices and Evaluation Gaps. *The 3rd International Workshop on AI-for-Good: AI for a Better Society (under review)*

• Wang, T. (2026). Operationalizing Differential Privacy in Healthcare Cost Regression: Coefficient Utility, Sample Size, and Group Imbalance. *IEEE Symposium on Privacy Expectations (ISoPE) 2026.*

• Wang, T., & Bashir, M. (2026). When AI Sounds More Helpful: Users' Perceptions of AI-Generated and Physician-Provided Health Information. *Computers*, *15*(9), 551.

• Xu, E, & Bashir, M (2026). Trust Calibration as a Core Mechanism of Bidirectional Human-AI Alignment. *Paper presented at the CHI 2026 BiAlign Workshop,* Human-AI Interaction Alignment: Designing, Evaluating, and Evolving Value-Centered AI for Reciprocal Human-AI Futures, Barcelona, Spain. https://bialign-workshop.github.io/2026

2025

• Hassan, M., Bashir, M., & Ma, Y. (2025). Designing for transparency: A multilingual analysis of privacy policy usability and compliance in Chinese, Japanese, and Korean contexts. In *International Conference on Human-Computer Interaction (HCII 2025), CCIS2525.*https://www.researchgate.net/publication/392484462_Designing_for_Transparency_An_Analysis_of_Multilingual_Privacy_Policies_in_Chinese_Japanese_and_Korean_Contexts

• Hassan, M., Bashir, M., & Brooks, I. (2025). Listening to users: Privacy and security in mobile health apps. In *International Conference on Human-Computer Interaction (HCII 2025), LNCS 15824. https://dl.acm.org/doi/10.1007/978-3-031-93064-5_4*

• Raji, M., Wilder, D., Ugwuoke, V., & Bashir, M. (2025). An assessment of the enforcement mechanisms in African data protection laws. *African Journal on Privacy and Data Protection*, *2*, 1–40. https://doi.org/10.29053/ajpdp.v2i1.0002.

• Raji, Mubarak, Ugwuoke, V., & Bashir, M. (2025). *Deepfakes and Data Protection: Evaluating the Effectiveness of African Privacy Laws in the Age of AI*. TPRC53: 53rd Research Conference on Communications, Information, and Internet Policy, Washington D.C. https://doi.org/10.2139/ssrn.5359576

• Yener, R., Chen, G.-H., Gumusel, E., & Bashir, M. (2025, November). Can I trust this chatbot? Assessing user privacy in AI-healthcare chatbot applications. In Proceedings of the 88th Annual Meeting of the Association for Information Science & Technology (Long Papers), Washington, DC, USA. https://dl.acm.org/doi/abs/10.1002/pra2.1299

• Yener, R., M. Hassan, M. Bashir (2025, June). Privacy engineers on the front line: Bridging technical and managerial skills. In *USENIX Conference on Privacy Engineering Practice and Respect. https://www.usenix.org/conference/pepr25/program*

• Yener, R., Hassan, M., & Bashir, M. (2025, July). Threats and security strategies for IoMT infusion pumps. In *Human Factors in Cybersecurity (Vol. 168)* https://www.researchgate.net/publication/393133372_Threats_and_Security_Strategies_for_Io MT_Infusion_Pumps

Workshops Proposed and Accepted

• Usable Security and Privacy for Connected Healthcare 2026 (co-located SOUPS 2026), https://soups.page/2026/workshops-all.html

• Trustworthy-AI in IOMT Workshop 2026 (co-located IEEE ICHI), https://trustai2026.web.illinois.edu/#:~:text=TRUST%2DAI%202026%20workshop%2C%20co,usa ble%2C%20and%20trustworthy%20clinical%20insights.