

Paper Session A: May 21, 9:45-10:50am

<p>Session A1 — Human-AI Collaboration Room: Grover W123 Chair: Yi Maggie Guo— University of Michigan–Dearborn</p> <p>Full Papers</p> <p>Human–AI Collaboration in Professional Workflows: A Mixed-Methods Pilot Study of IT Professionals in Bangladesh Muhammad Usama Islam — Metropolitan State University MD Mohaymen Ul Anam —Islamic University of Technology Hisham Mahmood —University of Louisiana at Lafayette S. M Julkar Naeen Abir & Md. Nafiz Mahmud Khan —Islamic University of Technology</p> <p>Sometimes it Hurts to be Nice: Quantifying the Efficiency-Compassion Tax in AI Model Interactions (best paper nominee) Mark Paes — Purdue University</p> <p>Research in Progress</p> <p>Allow Experience in Human-Human and Human-AI Teams: A Multilevel Conceptual Model and Measurement Proposal (best paper nominee) Yi Maggie Guo & Urooj Syed — University of Michigan–Dearborn</p> <p>The AI Teammate Effect: How the Presence of an AI Team Member Shapes Team Trust and Team Performance Jishan Mahmud — Florida Atlantic University</p> <p>Symbolic or Substantive AI Disclosure in Corporate Narratives Myung Cho — Kent State University</p>	<p>Session A2 — AI Governance and Accountability Room: Grover W125 Chair: Caleb Krieger—Creighton University</p> <p>Full Papers</p> <p>AI Governance as Work Infrastructure: Designing Structural Accountability Mechanisms for AI-Augmented Organizations Adedeji Olugboja — Trine University,</p> <p>The Explainable Advantage: A Conceptual Synthesis of XAI and Information Systems Strategy Abhishek Tripathi — College of New Jersey Anoop Mishra — University of Nebraska at Omaha Satish Mahadevan Srinivasan — Pennsylvania State University</p> <p>The AI Delegation Gap: Explainability, Accountability, and Trust Farhad Mohammad Afzali — Millersville University</p> <p>Research in Progress</p> <p>Defensive Adoption of Disruptive Technology: A Four-Stage Recursive Governance Framework Sudeept Maharana — Indian Institute of Technology Jodhpur, India Deepak Saxena — Indian Institute of Technology Jodhpur, India Bharat Maheshwari — University of Windsor, Canada</p> <p>Governing AI Sycophancy in Organizational Delegation Harush Aradhyamath — University of Central Missouri</p>	<p>Session A3 — AI in Education and Curriculum I Room: Grover W126 Chair: Sunny Sun— University of Saint Mary</p> <p>Full Papers</p> <p>Integrating Large Language Models into Systems Analysis and Design Education: A Project-Based Curriculum Framework Hamdan Alabsi, Sriram Srinivasan, Rand Obeidat & David Anyiwo — Bowie State University Halbana Tarmizi — Bemidji State University</p> <p>Constructing Information Systems: Technology Frames and Career Interest Among Middle School Students Cherie Noteboom & Sai Mounika Chintalapudi — Dakota State University</p> <p>Research in Progress</p> <p>Teaching Responsible Generative AI Use in General Education Through Case-Based Micro-Module Tanvai Pohare, Shukri Abotteen & Chaitanya Kante — Illinois State University</p> <p>GenAI–Supported Python Programming Education: A Design Science Research Approach Sunny Sun & Omar El-Gayar — Dakota State University</p> <p>AI In Business Education: Going All In Craig Claybaugh, Peter Meso & Fan Zhou —Florida Gulf Coast University</p>	<p>Session A4 — Data Analytics and Risk Room: Grover W135 Chair: Mohammad Jamil Ahmad — West Virginia University</p> <p>Full Papers</p> <p>Evaluation and Implementation Framework of SMOTE in Academic Performance Analytics (best paper nominee) Andrew Anduo Zhao — University of Illinois Urbana-Champaign Gary Yu Zhao — Northwest Missouri State University Cindy Zhiling Tu — Northwest Missouri State University Bikash Adhikari — University of California Berkeley</p> <p>Research in Progress</p> <p>Hooked or Heuristic? A Cognitive-Affective Model of Emotional Manipulation in Phishing Megan Harris, Jennifer Riley & Kerry Ward — University of Nebraska at Omaha</p> <p>Analyzing Sentiment in MD&A Sections Following Data Breaches (MD&A) Sections of Form 10-K Following Data Breaches Matthew Holloway, Steven Muzatko, Hrishikesh Desai & Sheena Gammon — Arkansas State University</p> <p>Robustness of Advanced Computing Algorithms Under Noisy Enterprise Data Navya Maddukuri & Harsha Sammangi — Dakota State University</p> <p>Proposing an AI-enabled Sustainability Reporting Solution for SMEs Amélie Schulz & Tobias Engel — Neu-Ulm University of Applied Sciences, Germany</p>	<p>Session A5 — Cybersecurity, Privacy, and Compliance Room: Grover W119 Chair: David Zeng— Dakota State University</p> <p>Full Papers</p> <p>Explainable AI in Cybersecurity: Governance & Risk Management Factor (best paper nominee) Shadrack Oriaro &Sushma Mishra — Robert Morris University</p> <p>Research in Progress</p> <p>Knowledge Distillation-Driven GANs for Indicator of Compromise Identification in Intrusion Detection Systems Man Wang — Dakota State University</p> <p>Integrating Behavioral Theories and AI-Driven Security Systems to Enhance Cybersecurity Compliance Sushmita Sengar & Deanna House — University of Nebraska at Omaha</p> <p>Understanding Compliance with AI-Generated Content Disclosure Policies Ghazal Abdolhossein Khani, Corey Baham& Andy Luse — Oklahoma State University</p> <p>Enhancing Privacy Protection in Modern Information Systems: Security and Governance Challenges in FinTech and Healthcare Ahmed Bello — Illinois State University</p>
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Paper Session B: May 21, 11:05-12:10pm

<p>Session B1 — Healthcare AI and Bioinformatics Room: Grover W123 Chair: Cindy Zhiling Tu — Northwest Missouri State University</p> <p>Full Papers</p> <p>Evaluation of Explainable AI methods for Imaging Data Ali Belhraka & Kruttika Sutrave — Grand Valley State University</p> <p>A Critical Analysis of Research Literature of Factors Influencing Blockchain Adoption in Healthcare Data Exchange Sharmila Palivela & Sushma Mishra — Robert Morris University</p> <p>Research in Progress</p> <p>AI-Enabled EHR Documentation: Impacts on Clinician Stress and Satisfaction Amber McIntosh & Rupesh Agrawal — Northern Kentucky University</p> <p>Integration of Biological Databases: Challenges and Opportunities Mia Keranen, Fabia Battistuzzi, Vijayan Sugumaran & Henry So — Oakland University</p> <p>Robots and Ageing Population - Medical Assistance and Companionship Yuzhou Qian — City University of Hong Kong Keng Leng Siau — Singapore Management University</p>	<p>Session B2 — AI in Education and Curriculum II Room: Grover W125 Chair: Stephane Collignon — West Virginia University</p> <p>Full Papers</p> <p>Fine-Tuning Language Models for Socratic SQL Generation Sriram Srinivasan, Hamdan Alabsi, Gaye Acikdilli, Rand Obeidat & David Anyiwo — Bowie State University</p> <p>Understanding AI Tool Adoption and Barriers for Higher Education Students with Disabilities: A Scoping Review and Case Study Kenneth Snodderly — Dakota State University</p> <p>Anticipated Systemic Changes in Academia Caused by AI: A Faculty Perspective (best paper nominee) Natalya Bromall — Robert Morris University Sushma Mishra — Robert Morris University Kevin Slonka — Saint Francis University Peter Draus — Robert Morris University</p> <p>Research in Progress</p> <p>Bridging Modeling Gaps in System Analysis and Design for AI Systems in Information Systems Education Tanvai Pohare & Will Lewis — Illinois State University</p> <p>Over-Gamification in Digital Learning: A Goal Displacement Model of Engagement and Learning Outcomes Masum Patwary — Kent State University</p>	<p>Session B3 — Data Analytics and Machine Learning Room: Grover W126 Chair: Gary Yu Zhao — Northwest Missouri State University</p> <p>Full Papers</p> <p>Predictive Modeling of Housing Insecurity Among College Students: An Information Systems Perspective George Shaw, Yaswanth Gollapudi & Harika Botla — University of North Carolina Charlotte</p> <p>Benchmarking Classical, Quantum-Inspired, and Heuristic Solvers on Enterprise Optimization Benchmarks Harsha Sammangi — Dakota State University Jun Liu — Dakota State University Jabir Rahman — Oklahoma City University</p> <p>Sit Less, Move More: A Quasi-Experimental Benchmarking (QEB) of Machine Learning for Reliable Activity Classification (best paper nominee) Srinivasa Reddy Arekuti, Sai Mounika Chintalapudi & Ganga Basyal — Dakota State University</p> <p>Research in Progress</p> <p>Mobility Misalignment in the Age of Hybrid Work: Identifying Transit-Walkability Gaps (best paper nominee) Atharva Chaskar & Neetu Singh — University of Illinois Springfield</p>	<p>Session B4 — Supply Chain, Logistics, and Operations Room: Grover W135 Chair: Tobias Engel — Neu-Ulm University of Applied Sciences</p> <p>Full Papers</p> <p>Designing an AI-Driven Logistics Planning Artifact for Constraint-Aware Vehicle Routing Muhammad Usama Islam — Metropolitan State University Nasim Mahmud Nayan — University of Information Technology and Sciences, Bangladesh Foluso Ayeni — Metropolitan State University Senanu Okuboyejo — Metropolitan State University</p> <p>Assessing the Impact of Blockchain and AI on Supply Chain Risk Mitigation (best paper nominee) Sai Neelima Seru & David Zeng — Dakota State University</p> <p>An IT Governance Framework for IoT-Driven RFID Systems in Supply Chain Management Carly Gladstone, Benjamin P. Naberm, Jeffrey W. Merhout & Blake Karkoska — Miami University</p> <p>Research in Progress</p> <p>Beyond Forecast Accuracy: Decision Support in Supply Chain Management Jessel John & Tobias Engel — Neu-Ulm University of Applied Sciences, Germany</p> <p>A Multi-Dimensional Framework for Strategic AI Integration in the Global Automotive Value Chain Jyoti Shukla — Purdue University</p>	<p>Session B5 — AI Strategy and Organizational Transformation Room: Grover W119 Chair: Rui Sundrup — University of Louisville</p> <p>Full Papers</p> <p>AI as a Digital Employee: Rethinking Supervision and Control in Organizations (best paper nominee) Bharat Maheshwari — University of Windsor Ishani Das — St. Clair College</p> <p>Evaluating Measures of Workplace Socialization and Friendship: A Scale Validation Study Roseline Igah, Rhoda Alawiye & Andy Luse — Oklahoma State University</p> <p>Research in Progress</p> <p>Dimensions of AI Maturity: An Ecological Systems Perspective Hyewon Lee, Myung Cho, Dongyeon Kim & Austin Kwak — Kent State University</p> <p>From Readiness to Payoff: Linking Organizational Readiness, Adoption Maturity, and Benefits in Digital Engineering Rui Sundrup — University of Louisville Yuchun Zhou — Ohio University Yuqiu You — Ohio University</p> <p>Generative AI and the Transformation of Agile Project Management: A TOE Framework Analysis Vic Matta, Delaney McNamara & Neil Little — Ohio University</p>
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Paper Session C: May 21, 3:20-4:00pm

<p>Session C1 — Workforce and Careers Room: Grover W123 Chair: Rhoda Alawiye—Oklahoma State University</p> <p>Full Papers</p> <p>Bridging Skill Gaps: Graph Analysis of Marketing Labor Holes Shuo (Luna) Yang — Pennsylvania State University Satish Mahadevan Srinivasan — Pennsylvania State University</p> <p>Research in Progress</p> <p>From Classroom to Career: Designing an AI-Enabled Workforce Readiness Artifact Using Design Science Research Shirin Alhroob — UNC Greensboro Motahareh Pourbehzadi — UNC Greensboro Lakshmi Iyer — UNC Greensboro</p> <p>Exploring Employee Job Security in the Era of AI Agents: A Grounded Theory Approach (best paper nominee) Sai Mounika Chintalapudi — Dakota State University Insu Park — Dakota State University Sai Anurag Illendula— Dakota State University Srinivasa Reddy Arekuti— Dakota State University</p>	<p>Session C2 — AI Application and Automation Room: Grover W125 Chair: Lijun Chen — Appalachian State University</p> <p>Full Papers</p> <p>Sam the ResearchBot: A Generative AI Artifact for Structured and Consistent Literature Review (best paper nominee) Muhammad Usama Islam — Metropolitan State University Mohaymen UI Anam — Islamic University of Technology, Bangladesh S. M Julkar Naeen Abir — Islamic University of Technology, Bangladesh Hisham Mahmood —University of Louisiana at Lafayette</p> <p>Research in Progress</p> <p>Towards an Agentic AI Framework for Transcriptomics Research Brady Johnson-Hill — Oakland University Vijayan Sugumaran — Oakland University Fabia U. Battistuzzi— Oakland University</p> <p>Virtualized Industrial Controls for Software-Defined Automation Gunther May — Neu-Ulm University of Applied Sciences, Germany</p>	<p>Session C3 — AI Adoption and Reliance Room: Grover W126 Chair: Yixiu Ashley Yu — Central Michigan University</p> <p>Full Papers</p> <p>Why Users Switch AI Voice Assistants: A Push–Pull–Mooring Perspective Yixiu Yu — Central Michigan University Xue Ning — University of Wisconsin Parkside CJ Glock—Independent Researcher Ryan Murphy— Central Michigan University Weihong Ning— Central Connecticut State University</p> <p>Research in Progress</p> <p>Explainable AI and Appropriate Reliance in Automated Property Valuation Systems Zannatun Nayeem — Old Dominion University Nariman Dehghan — Old Dominion University</p> <p>Security Prompt Transferability Across AI Models: Technical Evaluation and Developer Adoption Study Chaitanya Kante — Illinois State University Shukri Abotteen — Illinois State University Tanvai Pohare — Illinois State University</p>	<p>Session C4 — Collaboration and Knowledge Work Room: Grover W135 Chair: Farhad Mohammad Afzali — Millersville University</p> <p>Full Papers</p> <p>Don’t Design Away Doubt: Why Epistemic Trust Needs Doubt in AI Workflows (best paper nominee) Akhil S.G. — Case Western Reserve University Kalle Lyytinen — Case Western Reserve University</p> <p>AI Enabled Software R&D Workflow: A Conceptual Framework Sohel Sarwar — Robert Morris University Sushma Mishra — Robert Morris University</p> <p>Research in Progress</p> <p>Physicians’ Trust Tensions with AI Based Diagnostic Tools in Triadic Care Relationships Jishan Mahmud — Florida Atlantic University</p>	<p>Session C5 — Policy, Ethics, and Society Room: Grover W119 Chair: Jeffrey W. Merhout— Miami University</p> <p>Full Papers</p> <p>Smart, Safe, and Behavioral: Mapping AI Ethics, Bias, and the Internet of Bodies (IoB) in IoT Ecosystems Sakshi Dubey — University of Wisconsin–Milwaukee Shana Ponelis — University of Wisconsin–Milwaukee</p> <p>Governing Generative Artificial Intelligence in Higher Education: A Cross-Case Thematic Analysis of Institutional Policies (best paper nominee) Muhammad Usama Islam — Metropolitan State University Senanu Okuboyejo — Metropolitan State University Foluso Ayeni — Metropolitan State University</p>
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