33rd Workshop On Information Technologies and Systems

Day 0 (Wednesday) December 13, 2023

Reception at Sheraton Hotel (7.00 PM onwards, 7th floor of Sheraton)

Day 1 (Thursday) December 14, 2023

Time	Session	Track 1 (Unix)		Track 2 (Kojo)		Track 3 (Jade Ballroom)	
7:00 AM to 7:45 AM		Breakfast					
8:00 AM to 9:30 AM — 90 minutes — 22.5 min per presentation	Session # 1	**Generative AI**		**Feeder workshop Chul Ho Lee**		**Industry Track**	
		Authors	Title	Authors	Title	Authors	Title
		Avihay Chriqui, Inbal Yahav, Ahmed Abbasi, Dov Te'eni	Leveraging Human Attention into Machine Attention Mechanism for Classification	Kyeongmin Yum, Byungjoon Yoo	Estimating the Effects of Characteristic-based Review System on Offline Seller's Performance	Abhinav Mathur and Rahul Bhanudskharat	Bridging the Trust Gap in Machine Learning Automation: Enhancing End-User Confidence through Generative AI-Driven Explanations in Natural Language
		Angela John, Hamayoon Behmanush, Hewan Shrestha, Irem B. Gunduz, Theophilus Aidoo, Maxx Richard Rahman, Wolfgang Maass	LLMRS: Unlocking Potentials of LLM-Based Recommender Systems for Software Purchase			Kanishka Agrawal	Sustainable Deep Learning Models for Lung Cancer Diagnosis
		Yifei Wang, Ashkan Eshghi, Yi Ding, Ram Gopal	Who's Speaking, Machine or Man? How Generative AI Distorts Human Sentiment			Narasimha Medeme	Complexities and learnings in Travel e-commerce search ranking
		Xiang Cheng, Jingmei Zhou	Threatened by AI: Analyzing Developers' Problem Formulation after the Launch of Generative AI				
9:30 AM to 9:45 AM		Coffee break					
9:45 AM to 11:15 AM — 90 minutes — 22.5 min per presentation	Session # 2	**Generative AI**				**Dissertation track**	
		Authors	Title			Authors	Title
		Huda Khayrallah, Joao Sedoc, Zuhaib Akhtar, Edward Cohen	How to Choose How to Choose Your Chatbot: A Massively Multi-System MultiReference Data Set for Dialog Metric Evaluation			Swati Jain	Framing Cybersecurity Risk Management Framework Accounting for Diverse Entities of Cyber Ecosystem
		Joel Quek, Kewei HUANG	Unveiling Competition Dynamics from Annual Reports: A ChatGPT-Driven Q&A Approach for Aspect Extraction			Zenan Chen	Design Considerations of Information Systems Artifects and Digital Platforms
		Mingwei Sun, Kunpeng Zhang	Multimodal Co-attention Transformer for Video-Based Apparent Personality Understanding -- A Case of MBA Admission Prediction			Yi Zhu	Mitigating Health and Wellness Adverse Outcomes with Data Analytics: Investigation of Medical Device Recall and Digital Exercise Program Churn
		Sameer Borwankar, Warut Khern-am-nuai, Karthik Kannan	Unraveling the Impact: An Empirical Investigation of ChatGPT's Exclusion from Stack Overflow			Neha Kadu	A Digitalization Framework for Real-time Large-scale Production Scheduling
11:15 AM to 11:30 AM	Coffee break						
11:30 AM to 12:15 PM — 45 minutes — 22.5 min per presentation	Session # 3	**Privacy**		**Future of Work**			
		Authors	Title	Authors	Title		
		Shiva Shekhar	The Bright Side of the GDPR: Welfare-improving Privacy Management	Jin Liu, Cedric Xu, Yongjun Li, Yong Tan	"Generate" the Future of Work through AI: Empirical Evidence from Online Labor Markets **(Best Paper Award Nominee)**		
		Abhijeet Ghoshal, Yan Li, Syam Menon, Sumit Sarkar	A Quantum Algorithm Based Heuristic to Hide Sensitive Itemsets	Sojung Yoon, Jason Chan, tingting nian, Jinan Lin	The Value of Remote Work in the Post-Covid Era: Impacts on Employee Turnover and Wage		

Lunch & Keynote (Ballroom)

12:15 PM to 1:30 PM

Arvind Gupta, Industry keynote speaker
Head, Digital India Foundation
Co-founder of amplify.ai

Time			
1:30 PM to 1:45 PM	Break time
1:45 PM to 2:45 PM	Poster Session + Demo prototypes (Ballroom)
2:45 PM to 3:00	Coffee break

Time	Session	ML/AI		Operations		Blockchain/NFT	
3:00 PM to 4:30 PM — 90 minutes — 22.5 min per presentation	Session # 4	Authors	Title	Authors	Title	Authors	Title
		Ram Gopal, Xiao Qiao, Moris Strub, Zonghao Yang	Doing Well by Doing Good: Interest Rate Determination for Unsecured Personal Loans	Srishti Arora, Vivek Choudhary, Sameer Hasija	Unravelling the Implications of Relocation and Tip in Food Delivery	Jingjing Weng, Abhishek Roy, Subodha Kumar	If the Blockchain Could Block: Strategic Blockchain Adoption by Manufacturer as Deterrence to the Selling of Counterfeits by Retailer **(Best Paper Award Nominee)**
		Ronilo Ragodos, Tong Wang, Feng Lu, Yu (Jeffrey) Hu	On the Incorrectness and Inconsistency of Post Hoc Explanations for Business Research	Jitsama Tanlamai, Warut Khern-am-nuai, Wreetabrata Kar, Yossiri Adulyasak	The Implications of Homogeneous Responses in Customer Service Operations	Mengyuan Fang, Yulin Fang, Chaoyue Gao, Alvin Leung, Qiang Ye	Lemon or Peach: What Will Sellers Mint under Free Minting Policies in NFT Marketplaces?
		Karthik Srinivasan, Jinhang Jiang	Leveraging Deep Language Models for Forecasting Firm Value Using Financial Disclosures	Shankar Pravesh, Avijit Khanra, Naoyuki Fujiwara, Yuichi Koga, Yosuke Watanabe	Software Design for Real-time Large-scale Production Scheduling	YoungJin Kwon, Teng Ye, Alok Gupta	An Exploration of Investor Strategies and Outcomes on the Roller Coaster Ride in NFT Markets

Sjoerd van der Spoel, Chintan Amrit, Jos van Hillegersberg, Mayukh Ghosh	Making Predictions in the Real World: The Influence of Domain Analysis and Complexity on Predictive Model Development	P. Radha Krishna, Syed Juned Ali, Kamalakar Karlapalem	Resilient Data Logistics for IoT-Driven Smart Solutions
7:45 PM to 9:00 PM	— **Gala Dinner at ISB and Warsi Brothers Event**		

Day 2 (Friday) December 15, 2023

Time	Session	Track 1 (Unix)		Track 2 (Kojo)		Track 3 (Jade Ballroom)	
7:00 AM to 7:45 AM		**Breakfast**					
8:00 AM to 9:30 AM 90 minutes 22.5 min per presentation	**Session # 1**	**DEI**		**ML/AI**		**Recommender Systems**	
		Authors	Title	Authors	Title	Authors	Title
		Abhishek Kathuria, Sumeet Kumar, Devina Chaturvedi, Shrey Jain	DEI and Visual Communication Strategies of Firms	Anna Taudien, Sebastian Schiffels, Andreas Fügener, Alok Gupta, Wolfgang Ketter	Naïve Diversification in AI-Advised Decision Making	Rajaram R, Manoj Bharadhwaj, Vasan VS, Nargis Pervin	Enhancing Scalability in Recommender Systems through Lottery Ticket Hypothesis and Knowledge Distillation-based Neural Network Pruning
		Chenbo Shi, Chen Liang	Breaking the Glass Ceiling or Breaking Trust: How Does a Female Fraudster Affect Crowdfunding for Female Entrepreneurs?	Dongchen Zou, Juan Feng	Human-in-the-loop: The Impact of Leveraging Users' Feedbacks on AI-powered Platforms	Wangsheng Zhu, Syam Menon, Sumit Sarkar	A Recommendation System for Designing Customized Tours
		Arunima Chhikara, Anurag Garg, Naveen Kumar, Liangfei Qiu	Decoding Decision-Making: Investigation of Bias and Discrimination in Human vs. Algorithmic Choices	Tong Shen, Chen Liang, Ming Gao, Zhou Zhou	Can AI-powered Translation Help You Find a Match?—Evidence from A Field Experiment on A Global Matchmaking Platform	Scott D Schanke, Yaqiong Wang, Zongxi Liu, Huimin Zhao	Voice Your Preference: Personalized Music Recommendation with Personal Voice
		Balaji Padmanabhan, Arindam Ray	Systemic Fairness and College Admissions	Kathrin Brecker, Sebastian Lins, Ali Sunyaev	Artificial Intelligence Systems' Impermanence: A Showstopper for Assessment?	Abhishek A Kulkarni, Nargis Pervin	Knowledge based Context aware Group Recommender System for Point of Interest Recommendation
9:30 AM to 10:00 AM		**Coffee break**					
10:00 AM to 11:15 AM 75 minutes 25 mins per paper	**Session # 2**	**DEI**		**Platforms**		**Healthcare**	
		Authors	Title	Authors	Title	Authors	Title
		Ozgur Aksoy, Mehmet Ayvaci, Asunur Cezar, Srinavasan Raghunathan	When Systemic Biases Taint Algorithms A Path to More Equitable Access in Healthcare **(Best Paper Award Nominee)**	Haoyu Yuan, Dandan Qiao, Qiang Wei	Decoding Persuasion: A Hierarchical Deep Learning Framework for Forecasting Crowdfunding Success	Deepika Gopukumar, Nirup Menon, Martin Schoen	Estimating Optimal Medication Prescription Policy Tree Using Causal Machine Learning
		Lavlin Agrawal, Raj Sharman, Cristian Tiu, Charles Lindsey, Joenvaara Juha	Social Unrest and Reversed Discrimination in P2P Lending	Shasha Cao, Raghu Santanam, Pei-yu Chen, Tian Lu	The Impact of Home Delivery Services on Users' Consumption Behaviors and Environment: A Comprehensive Empirical Investigation	Fanying Chen, Opher Baron, Abraham Seidmann	Integrating In-Person Specialists' Care with AI-Driven Telemedicine
		Enock Chemochek, Daniel Zantedeschi, Kaushik Dutta	Understanding Hidden Bias in Data: Combining Shapley Value and Structural Equation Models (SHAP-SEM)	Jian Zhang, Barrie Nault	The Impact of AI Platform with Plugins for Third-Party Application Developers	Shivin Srivastava, Siddharth Bhatia, Lingxiao Huang, Jun Heng Lim, Kenji Kawaguchi, Vaibhav Rajan	Classification aware clustering for Risk Prediction and Subtyping in Clinical Data
11:15 AM to 11:30 AM		**Coffee break**					
11:30 PM to 12:45 PM 75 minutes 25 min per presentation	**Session # 3**	**Social Media/User Generated Content**		**Platforms**		**Healthcare**	
		Authors	Title	Authors	Title	Authors	Title
		Ruiqi Rich Zhu	Effect of Social Media Rumors on Investor Behaviors	Zhongyi Liu, Sungyong Um	Unveiling Impact of Platform Owner on Ecosystem Dynamics: Evidence from the Case of STEAM	Yi Zhu, Soumya Sen, Pinar Karaca-Mandic, Alexander Everhart	Predicting Medical Device Recalls: A Theory-Driven Deep Learning Approach Leveraging Regulatory Submission Characteristics
		Yi Gao, Pei-yu Chen, Dengpan Liu	Can Hiding (Dis)Like Help? Examine the Impact of Performance Metrics Disclosure on Social Media Platforms **(Best Paper Award Nominee)**	Ying Zhang, Meilin Gu, Pei-yu Chen, Dengpan Liu	Robbing Peter to Pay Paul: An Economic Analysis of Platforms' Acquisition of Original Content **(Best Paper Award Nominee)**	Sung Hyun Kwon, Il-Horn Hann	Between Shocks and Interactions: How Pandemic and Social Distancing Changed Interplay Across Platforms
		Yimei Zhou, Hewei Yang, Yifan Yu, Jinghua Huang	Responding to Negative Reviews: Examining the Moderating Roles of Discrete Negative Emotions	Fanshu Li, Pallab Sanyal, Shun Ye	Segmenting the Crowd: Managing Multichannel Crowdsourcing Platforms	Tianjian Guo, Shichang Zhang, Indranil Bardhan, Ying Ding	Predicting ICU Length of Stay: A Graph Learning-based Explainable AI Approach
12:45 PM to 2:00 PM	— **Lunch + Awards (Ballroom)** **(Prabuddha De Best Paper Award and Runner up, Best Dissertation Award and Runner up, Conference Organizers Recognition)**						
2:00 PM to 3:00 PM	— **Panel in the Ballroom** **Topic: AI in Healthcare, Future of Work, and Travel** **Panelists** **Indranil Bardhan, Foster Parker Centennial Professor in Information Technology, McCombs School of Business, UT-Austin** **Sumit Sarkar, Charles and Nancy Davidson Chair Professor, Jindal School of Management, UT-Dallas** **Narasimha Medeme, Vice President Head Data Science SBU, MakeMyTrip** **Moderated by** **Pallab Sanyal, Professor and Chair, Costello College of Business, George Mason University**						
3:00 PM to 3:30 PM	— **Coffee break**						
3:30 PM to 4:15 PM 75 minutes 25 min per presentation	**Session # 4**	**Social Media/User Generated Content**				**Blockchain/NFT**	
		Authors	Title			Authors	Title
		Meilin Gu, Zizheng Liu, Guanlin Wu, Dengpan Liu	Fostering or Hindering Allegiance Cultivation: An Economic Analysis of Fan Loyalty on User-Generated Content Platforms			Xi Zhao, Jian Li, Xiang (Shawn) Wan, Xinyu Zang, Kenny Cheng	What Doesn't Kill You Makes You Stronger? Evidence from Vampire Attack on Decentralized Exchange
		Zhe Jing, Jack Tong, yue Y guo, Alain Chong	The Role of Goal Incentives at Live Streaming: Evidence from a Natural Experiment **(Best Paper Award Nominee)**			Yanzhen Chen, Shu He, Yangchen Mou	Between Bytes and Bonds: A Bond Market Perspective on the Social Impact of Cryptocurrencies

	Sumeet Kumar, Aditya Bobde, Rakesh Mallipeddi, Subodha Kumar	Exploring Memes as a Catalyst for Social Media Engagement: Evidence from Roe vs. Wade Verdict			Ashok Kasthuri, Aseem Pahuja, Zhiling Guo, Lingxiao Jiang, Richard Banach	SafeNFT Mart: A DSR Approach to a Secure NFT Marketplace
4.30 PM to 5.30 PM	**General Body Meeting in Ballroom**					
7.30 onwards	Closing Dinner at HeartCup Cafe and Bollywood Themed Cultural night					

Posters

Title	Authors
Algorithm failures and consumers response: Evidence from Zillow	Nikhil Malik
Digital Inclusion: Can Platform Affordances Mitigate Online Harassment?	Eujean Byun, Lisa Yeo, Marie Yeh
Empathic Algorithm Delegation: Fostering Effective Human-AI Collaboration in Decision-Making	Thomas Ware III
Game of Truth: Leveraging Large Language Models to Examine the Interventions of Misinformation	Zhaoqi Cheng, Yusen Wu, Dokyun Lee
Gamified Data Annotation Framework for Machine Learning: A Case Study for Named Entity Recognition and Relation Extraction	Ugochukwu Etudo, Priyankar Bose, Victoria Yoon
How Do Recruiters Co-learn with Machine Learning? Empirical Evidences from a Human Resources Firm	Charles Wan, Ting Li
Information Technology and Managerial Improvisation Capability: A NeuroIS Perspective	Siddharth G Majhi, Anindya Pattanayak
Reading Between the Lines: Exploring Differences in Opinion Formation After Reading AI-Generated News	Rebecca M Heigl, Kevin Bauer, Florian Pethig
Seeking Donations in Digital Age: Unraveling Strategies Behind Successful Crowdfunding Campaigns	Rohit Mattu, M. Vimalkumar, Jang Bahadur Singh
Strategic Investment of Firms in Edge Computing to Complement the Cloud	Shiva Shekhar, Hooman Hidaji
The Use of Generative AI in Digital Marketing: A Randomized Field Experiment on Restaurant Promotion	Mingwei Sun, Lauren Rhue, Kunpeng Zhang, P. K. Kannan
Whispers of Change: How ChatGPT Adoption Influences Customer Engagement	Fun Yi Chan, Chaoyue Gao, Alvin Leung, Qiang Ye

Demo/Prototype

Title	Authors
DigiCall: A Benchmark for Measuring the Maturity of Digital Strategy through Company Earning Calls	Hilal Pataci
Scaling feedback with AI - A prototype	Vishal Sachdev
reproduce.work: A framework to facilitate cross-platform computational reproducibility in scientific publishing	Alex P. Miller