

63rd World Continuous Auditing and Reporting Symposium- Newark, NJ

* Presentation contains hands-on experiences

FRIDAY, NOVEMBER 8, 2024 - GenAI Immersion

8:30 AM: Welcome and Intro to AI

Dean Lei, Rutgers Business School

Miklos Vasarhelyi, Rutgers University

SESSION 1: Overview of Generative AI

9:00 AM: The State of the Art of GenAI

Eric Cohen, Rutgers University

9:40 AM: Overview of Python in Google Co-Lab*

Harry Gao, Rutgers University

10:00 AM: Build a GenAI Model in Google Co-Lab*

Harry Gao, Rutgers University

10:30 AM-11:00 AM: Networking Break

SESSION 2: Auditing and Process Mining

11:00 AM: Prompt Engineering Principles in GenAI*

Huaxia Li, Rutgers University

11:20 AM: Agentic AI*

Marco Schreyer, Swiss Federal Audit Office

12:00 PM: AI and Process Mining

Jumi Kim, The College of New Jersey

12:30 PM-1:30 PM: Lunch

SESSION 3: Challenges in the AI World

1:30PM Roundtable Discussion – Risk, Security, and Governance in the AI World

Ricardo Vilanova, EY

Dan Meers, CohnReznick

Joseph Nunes, EisnerAmper

Matthew Glessner, KPMG

Q&A

3:30 PM- 4:00 PM: Networking Break

SESSION 4: ESG and Robotic Process Automation (RPA)

4:00 PM GenAI and ESG*

Irina Bao, Rutgers University

4:30 PM Overview of RPA

Shaoyu Liu, Rutgers University
5:00 PM A Convergence of RPA and GenAI*
Shaoyu Liu, Rutgers University
5:30 PM- 6:15 PM Wrap up and ISACA NJ Chapter Donation
Miklos Vasarhelyi, Rutgers University

6:45 PM Gala Dinner
The Spanish Pavilion
31 Harrison Ave, Harrison, NJ 07029

SATURDAY, NOVEMBER 9, 2024 - AI Accounting Research

SESSION 1: Innovations in AI and Automation for Auditing

9:00 AM: Artificial Intelligence Agentic Auditing
Marco Schreyer, Swiss Federal Audit Office
9:30 AM: A Prompt-Based Cognitive Load Measurement Framework for RPA in Auditing with Multi-Agent Workflow
Maher Kassar, Stevens Institute of Technology
10:00 AM Agent-Aided Continuous Auditing and Monitoring: Applications in the Procurement Process
Melissa Dardani, Rutgers University
10:15 AM Work Faster and Smarter in Auditing: Intelligent Agent Powered by Large Language Models
Fangbing Xiong, Rutgers University
10:30 AM- 11:00 AM: Networking Break

SESSION 2: Data Governance and Risk Assessment in Emerging Technologies

11:00 AM: Interoperability in Data Standards: A Perspective on the Current Issues
Robert Nehmer, Oakland University
11:30 AM: Assessing the Risk: A Comprehensive Methodology for Evaluating Problematic Transactions in Crypto Exchanges
Maksym Lazirko, Rutgers University
12:00 PM Detecting Risky Areas of Misstatements
Lanxin Jiang, Rutgers University
12:15 PM Unmasking Consolidation: Reconstructing Segment Financial Performance in Multi-Segment Firms
Maria Zhang, Rutgers University
12:30 PM- 1:30 PM: Lunch Break

SESSION 3: GenAI and LLMs in Reporting and Auditing

1:30 AM: Harnessing Python for Audit Data Analytics: Productivity with ChatGPT

Mark Nigrini, West Virginia University

2:00 PM Examining determinants of corporate opinions on SEC's proposal for climate-related disclosure - A ChatGPT facilitated analysis of comment letters

Irina Jie Bao, Rutgers University

2:15 PM Information Extraction from ESG Reports Using NLP: A ChatGPT Comparison

Steven Katz, Rutgers University

2:30 PM Enhancing Continuous Auditing with Large Language Models: AI-Assisted Real-Time Accounting Information Cross-verification

Huaxia Li, Rutgers University

2:45 PM Enterprise Risk Management for LLM Deployment: Insights for Internal Auditors

Mingjing Luo, Rutgers University

3:00 PM- 3:30 PM: Networking Break

SESSION 4: Advanced Analytics for Assurance and Financial Integrity

3:30 PM: Sustainability Assurance using Textual Analytics

Amir Michael, Durham University

4:00 PM Unsupervised Outlier Detection in Audit Analytics: A Case Study with USA spending Data

Buhe Li, Rutgers University

4:15 PM The Analysis and Prediction of Fiscal Distress in Local Governments: Using Machine Learning Algorithms

Katerina Liu, Valparaiso University

4:30 PM Employee Insights and Financial Integrity: Rethinking Internal Control Effectiveness Measurement

Hanxin Hu, Kean University

4:45 PM- 5:10 PM: Future Projects and Closing Comments

Miklos Vasarhelyi, Rutgers University