

Michigan Ross Workshop on Unstructured Data and Language Models in Operations, Technology and Management

June 28-29, 2024, Ann Arbor, MI

Call for Papers

Conference Overview

We are delighted to announce the inaugural **Michigan Ross Workshop on Unstructured Data and Language Models in Operations, Technology and Management**.

This interdisciplinary workshop aims to bring together researchers from diverse fields to showcase and explore the latest research advancements at the intersection of **(1) natural language processing, (2) generative AI, (3) unstructured data**, and theoretical, empirical, and experimental studies in **(a) Operations, (b) Technology and Information Systems, (c) Management, and related fields**. The Conference offers a unique platform for sharing insights, fostering collaborations, and advancing the state of knowledge in this rapidly evolving field.

The workshop will begin with a welcome dinner on Friday, June 28, followed by the main event on Saturday, June 29, which will feature paper presentations and panel discussions with academic thought leaders.

Joint Sponsors

- University of Michigan, Stephen M. Ross School of Business
- Michigan Ross Business+Tech Hub

Workshop Topics

We welcome submissions of original research work **on, but not limited to, the following topics**:

- Value of unstructured data, such as text, image, and video, in providing new research insights in Operations, Information Systems, Management, and related fields.
- Applications of natural language processing (NLP) and text analytics tools.
- Application of large language models (LLM) such as GPT, BERT, XLNet, etc.
- Use cases, value propositions, and deployment strategies of Generative AI tools (e.g., ChatGPT, DALL-E, LaMDA) in all business sectors.
- Interaction between human agents and GenAI.
- Ethical considerations in NLP, GenAI, and unstructured data usage in business and organizations.
- Empirical research on the impact of NLP and Generative AI on business and societal outcomes

Submission Procedure

Please submit either full paper or extended abstract (no more than 3 pages). The submission deadline is **March 10, 2024**. All submissions and inquiries can be sent to michigan.nlp@umich.edu

Organizing Committee

- **Andrew Di Wu**, NBD Bancorp Assistant Professor of Business Administration, Assistant Professor of Technology and Operations, Ross School of Business, University of Michigan
- **Jun Li**, Associate Professor of Technology and Operations, Ross School of Business, University of Michigan
- **Roman Kapuscinski**, Senior Associate Dean for Faculty and Research, John Psarouthakis Research Professor of Manufacturing Management, Professor of Integrative Systems + Design, Professor of Technology and Operations, Ross School of Business, University of Michigan
- **Damian Beil**, Donald C. Cook Professor of Business Administration, Professor of Technology and Operations, Ross School of Business, University of Michigan
- **M.S. Krishnan**, Accenture Professor of Computer Information Systems, Professor of Technology & Operations, Ross School of Business, University of Michigan

We look forward to your contributions and your participation in our workshop as we explore the exciting possibilities that unstructured data offer to the fields of operations, management, and technology.