Generative AI in Finance
Paper Development Workshop

July 5, 2024

Dresden University of Technology

Program

About the Generative AI in Finance Paper Development Workshop

Dresden University of Technology is organizing a Paper Development Workshop together with Carol Alexander from University of Sussex and Denis Schweizer from Concordia University. We have invited interested scholars to apply to present and discuss their current research on Generative AI in Finance. The workshop will take place in person on July 5, 2024 in Dresden.

The aim of the paper development workshop is to feature articles at the forefront of Generative AI research across a broad spectrum of interest including, but not limited to, corporate finance, fintech, digital finance, asset pricing, financial stability, banking, risk management, portfolio management, behavioral finance, personal finance, and real estate—all within the context of viable existing or potential future applications of Generative AI.

The workshop is associated with a Special Issue in the Journal of Banking and Finance on Generative AI in Finance and aims to provide authors with valuable insights from the editorial team prior to submission. Acceptance for presentation at the Paper Development Workshop is not a prerequisite for submission to the Special Issue and in no way guarantees acceptance to the Special Issue.

PROGRAM OVERVIEW

FRIDAY, JULY 5, 2024

Location	Impact Hub Dresden (changed)
08:30 – 08:45	Arrival and Registration
08:45 – 09:00	Welcome and Introduction
09:00 – 11:00	Session 1
11:00 – 11:30	Coffee Break
11:30 – 12:00	Fire Talks
12:00 – 13:00	Keynote Speech
13:00 – 14:00	Lunch Break
14:00 – 16:00	Session 2
16:00 – 16:30	Coffee Break
16:30 – 18:30	Session 3
19.00	Conference Dinner Luxury Hotel Suitess Roof Terrace

PRELIMINARY PROGRAM

FRIDAY, JULY 5, 2024

Arrival and Registration	**08:30 – 08:50**

Welcome and Introduction	**08:50 – 09:00**

Lars Hornuf (Dresden University of Technology)

Session 1	**09:00 – 11:00**

Chair: Juliane Proelss

Intelligent Financial System: How AI is Transforming Finance
Vatsala Shreeti (Bank for International Settlements)
Co-authors: Iñaki Aldasoro (Bank for International Settlements), Leonardo Gambacorta (Bank for International Settlements, CEPR), Anton Korinek (University of Virginia), Merlin Stein (University of Oxford)
Discussant: Christian Fieberg

Generative AI and Finance: A Machine Learning Exploration of Academic and Grey Corpus
Hassnian Ali (Hamad Bin Khalifa University)
Co-authors: Ahmet Faruk Aysan (Hamad Bin Khalifa University)
Discussant: Hayden Klok

Using Large Language Models for Financial Advice
David Streich (Katholische Universität Eichstätt-Ingolstadt)
Co-authors: Christian Fieberg (City University of Applied Sciences Bremen), Lars Hornuf (Dresden University of Technology)
Discussant: Vatsala Shreeti

Large Language Models and Financial Market Sentiment
Hayden Klok (University of Queensland)
Co-authors: Shaun A. Bond (University of Queensland)
Discussant: Hassnian Ali

Coffee Break	**11:00 – 11:30**

Fire Talks	**11:30 – 12:00**

Deep Learning-Based Allocation for Financial Strategy Replication
Johan Macq (Université Paris 1 Panthéon-Sorbonne)
Co-authors: Yannick Malevergne, Marc Senneret, Patrice Abry

Navigating Fair Treatment for Micro-Entrepreneurs: The Role of Algorithmic Advice and Organizational Rules in Lending Decisions
Franziska Koefer (University of Twente)
Co-authors: Maximilian Goethner, Michel Ehrenhard

Harnessing Artificial Intelligence for Monitoring Financial Markets
Douglas Araujo (Bank for International Settlements)
Co-authors: Matteo Aquilina, Gaston Gelos, Taejin Park and Fernando Perez-Cruz

Performance Analysis of AI-Generated Stockmarket Advice
Matthias Scherf (University of Trier)
Co-authors: David Kranen

Putting Numbers in Context
Michał Dzieliński (Stockholm Business School)
Co-authors: Alejandro Lopez-Lira

Keynote Speech	**12:00 – 13:00**

The Keynote will be held by Michael Weber (Chicago Booth School of Business) who will talk about

The Promises and Pitfalls of Large Language Models in Finance.

Lunch Break	**13:00 – 14:00**

Session 2	**14:00 – 16:00**

Chair: Denis Schweizer

Unusual Financial Communication
Heiner Beckmeyer (University of Münster)
Co-author: Lars Beckmann (University of Münster), Ilias Filippou (Washington University in St. Louis), Stefan Menze (University of Münster), Guofu Zhou (Washington University in St. Louis)
Discussant: Christian Fieberg

Predicting Financial Stability through Textual Data: Insights from Earnings Calls and Central Bank Communications
Christian Fieberg (City University of Applied Sciences Bremen) and Gerrit Liedtke (University of Bremen)
Co-authors: Matthies Hesse (University of Bremen), Adam Zaremba (Montpellier Business School and Poznan University of Economics and Business)
Discussant: Heiner Beckmeyer

CB-LMs: Language Models for Monetary Policy
Sonya Zhu (Bank for International Settlements)
Co-author: Leonardo Gambacorta (Bank for International Settlements, CEPR), Byeungchun Kwon (Bank for International Settlements), Taejin Park (Bank for International Settlements), Pietro Patelli (Bank for International Settlements)
Discussant: Tesfaye Salarin

Examining Intraday Stock Market Response to ESG News: An Event Study Approach
Flavio Bazzana (University of Trento)
Co-author: Jacopo Staiano (University of Trento), Sandra Paterlini (University of Trento), Tesfaye Salarin (University of Trento)
Discussant: Sonya Zhu

Coffee Break	**16:00 – 16:30**

Session 3	**16:30 – 18:30**

Chair: Lars Hornuf

AI-Powered Venture Selection: Can Large Language Models (LLMs) help Venture Capitalists?
Silvio Vismara (University of Bergamo)
Co-author: Gresa Latifi (TU Munich), Leonard Meinzinger (TU Munich), Alexander Pass (Freigeist Capital)
Discussant: Chen Huang

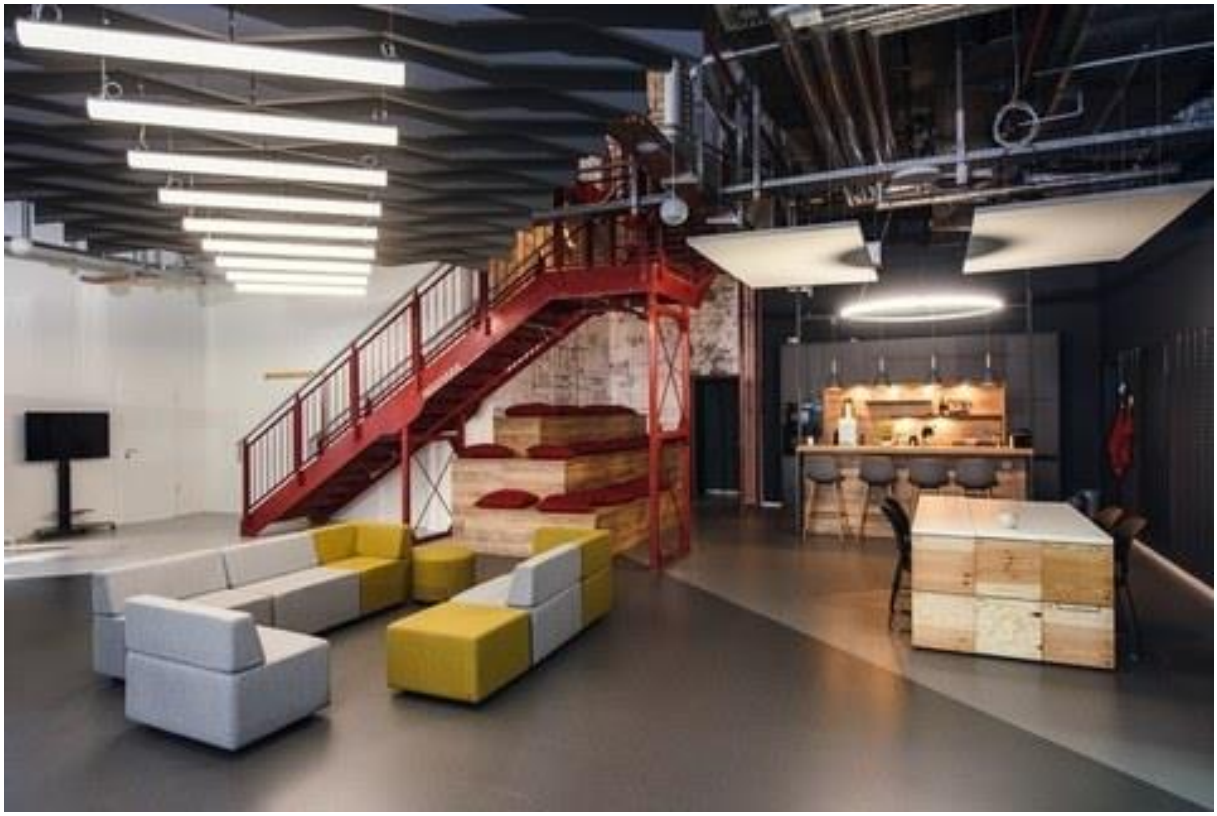
Shaping the Future: AI Automation and Corporate Investment Strategies in Mergers and Acquisitions
Chen Huang (*Queen Mary University of London)*
Co-authors: Dimitrios Gounopoulos (University of Bath), Geoff Wood (Western University), Aoran Zhang (Toronto Metropolitan University)
Discussant: Silvio Vismara

Quanto Option Pricing on a Multivariate Levy Process Model with a Generative Artificial Intelligence
Young Shin Kim (Stony Brook University)
Co-author: Hyun-Gyoon Kim (Ajou University)
Discussant: Matthias Mattusch

AI Aversion and Investment Recommendations
Christoph Merkle (Aarhus University)
Discussant: Matthias Pelster

Conference Dinner **Luxury Hotel Suitess Roof Terrace**	**19:00**

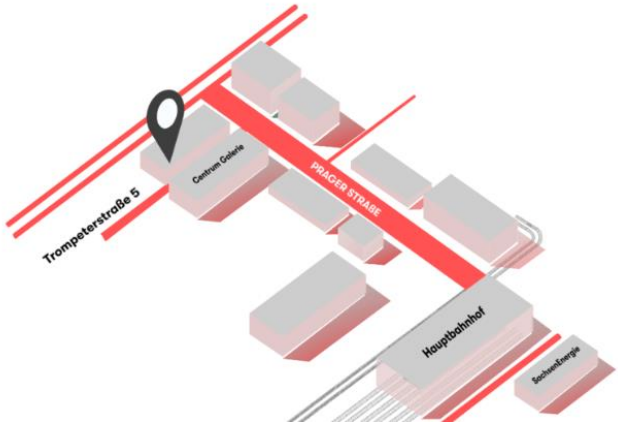
MORE INFORMATION



Venue
Impact Hub Dresden Galerie // Trompeterstraße 5, 01069 Dresden

Travel guide to Impact Hub Dresden Galerie
From Dresden airport:
Take train line "S2" to "Hauptbahnhof" and take a tram to "Prager Straße" or "Walpurgisstraße".

From Berlin:
Take train to "Dresden Hauptbahnhof". Take a tram to "Prager Straße" or "Walpurgisstraße". Walking distance is around 5-10 minutes.



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The conference dinner is sponsored by