

The IEEE International Workshop on Large Language Models for Finance

Date: Sunday, Dec. 15, 2024 (US Eastern Standard Time), Washington, DC, USA

Workshop Chairs: *Quanzhi Li, Xiaozhong Liu, Sameena Shah*

Paper ID	Time	Title	Presenters / Authors
N214	9 am - 11 am	<i>Opportunities and Challenges of Generative-AI in Finance</i>	Akshar Prabhu Desai, Ganesh Mallya, Tejasvi Ravi, Mohammad Luqman, Nithya Kota, and Pranjul Yadav
S35208		<i>Stock Price Prediction Using LLM-Based Sentiment Analysis</i>	Qizhao Chen and Hiroaki Kawashima
S35207		<i>Factual Accuracy Checking by Validating Numerical Values in Financial Summaries</i>	Anup Bera and Aditya Goel
S35201		<i>Leveraging Large Language Models for Few-Shot KPI Extraction from Financial Reports</i>	Tobias Deußer, Cong Zhao, Daniel Uedelhoven, Lorenz Sparrenberg, Lars Hillebrand, Christian Bauckhage, and Rafet Sifa
BigD527		<i>FANAL - Financial Activity News Alerting Language Modeling Framework</i>	Urjitkumar Patel, Chinmay Gondhalekar, Fang-Chun Yeh, and Hari Nalluri
S35209		<i>Enhancing Trust and Safety in Digital Payments: An LLM-Powered Approach</i>	Devendra Dahiphale, Naveen Madiraju, Justin Lin, Rutvik Karve, et al.
S35204		<i>Robot See, Robot Do: Imitation Reward for Noisy Financial Environments</i>	Sven Goluža, Tomislav Kovačević, Stjepan Begušić, and Zvonko Kostanjčar
S35205		<i>Leveraging Large Language Models for Institutional Portfolio Management: Persona-Based Ensembles</i>	Yoshia Abe, Shuhei Matsuo, Ryoma Kondo, and Ryohei Hisano
Coffee Break			
S35203	11:15am - 1:30 pm	<i>Large Language Models for Financial Aid in Financial Time-series Forecasting</i>	Md Khairul Islam, Ayush Karmacharya, Timothy Sue, and Judy Fox
N223		<i>FiSTECH: Financial Style Transfer to Enhance Creativity without Hallucinations in LLMs</i>	Sohini Roychowdhury, Marko Krema, Brian Moore, Xingjian Lai, Dike Effedua, and Bharat Jethwani

S35202		<i>An Evaluation of Large Language Models in Financial Sentiment Analysis</i>	Alphaeus Dmonte, Eunmi Ko, and Marcos Zampieri
BigD757		<i>Leveraging Large Language Models and Deep Learning for Detecting Illegal Insider Trading</i>	Anoop Adusumilli, Sheikh Rabiul Islam, Iman Dehzangi, and June Kim
BigD670		<i>A Multi-Modal Transformer Architecture Combining Sentiment Dynamics, Temporal Market Data, and Macroeconomic Indicators for Sturdy Stock Return Forecasting</i>	Abhishek Joshi, Jahnavi Krishna Koda, and Alihan Hadimlioglu
S35210		<i>CUBAN: Leveraging Semantic Comparable to Predict Financial Metrics Using Textual Descriptions of Companies</i>	Siwoo Bae and David Hyde
S35206		<i>Combining Financial Data and News Articles for Stock Price Movement Prediction by Prompting Large Language Models</i>	Ali Elahi and Fatemeh Taghvaei
S35211		<i>Time Series Based Optimized Recommendation of Promotional Rewards</i>	Ishani Chakraborty
		Closing Remarks	