

LREC-COLING 2024

**The Joint Workshop of the 7th Financial Technology  
and Natural Language Processing (FinNLP),  
the 5th Knowledge Discovery from Unstructured Data  
in Financial Services (KDF), and  
the 4th Economics and Natural Language Processing  
(ECONLP) Workshop  
(FinNLP-KDF-ECONLP 2024)**

Workshop Proceedings

Editors

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Torino, Italia

**Proceedings of the Joint Workshop of the 7th Financial Technology and Natural Language Processing (FinNLP), the 5th Knowledge Discovery from Unstructured Data in Financial Services (KDF), and the 4th Economics and Natural Language Processing (ECONLP) Workshop**

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## Message from the Organizers

Welcome to the Joint Workshop of FinNLP-KDF-ECONLP, marking a significant milestone as one of the largest gatherings in our community's history. This workshop, collocated with LREC-COLING 2024 in Turin, Italy, underscores our commitment to fostering international collaboration and knowledge exchange in the dynamic fields of NLP and AI, as they intersect with finance and economics. We extend a warm invitation to all participants, whether you are joining us in person or virtually, to immerse yourself in a productive exchange of ideas and insights throughout FinNLP-KDF-ECONLP-2024.

This edition has witnessed a notable surge in discussions surrounding ESG/CSR, reflecting its growing attention on the finance for social good. Alongside two shared tasks that echo this theme, it's evident that the conversation is significantly increasing. In line with trends observed in recent conferences, large language models (LLMs) have dominated the technical discourse, highlighting their pivotal role in advancing our field.

We extend our heartfelt appreciation to all authors who contributed to the main track and participants of the shared tasks. Your dedication to sharing groundbreaking findings and innovations is the driving force behind the workshop's continued success and expanding impact. We're also immensely grateful to the program committee members who dedicated their time and expertise in reviewing submissions and steering the selection for the workshop. Additionally, we would like to express our gratitude to our invited speakers, Flavius Frasincaer (Erasmus University Rotterdam), Diyi Yang (Stanford University), and James Zhang (Ant Group), for delivering inspiring keynote speeches.

In closing, we express our deepest gratitude to Project JPNP20006, sponsored by the New Energy and Industrial Technology Development Organization (NEDO). Your generous support has been crucial in achieving FinNLP's goals and furthering research in this vibrant area of study.

We wish you an enriching and enjoyable experience at FinNLP-KDF-ECONLP.

Chung-Chi Chen, Xiaomo Liu, Udo Hahn, Armineh Nourbakhsh, Zhiqiang Ma, Charese Smiley, Véronique Hoste, Sanjiv Ranjan Das, Manling Li, Mohammad Ghassemi, Hen-Hsen Huang, Hiroya Takamura, Hsin-Hsi Chen

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