

## Artificial Intelligence in Finance

Organizers:

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### Call for Papers

We are pleased to announce the call for papers for the Artificial Intelligence in Finance special session at the 33rd IEEE Signal Processing and Communications Applications (SIU) Symposium. This session aims to provide a platform for academics, researchers, and industry experts to share recent developments, open research challenges, and AI applications in the financial sector.

SIU 2025 will take place from June 25 to June 28, 2025, at Işık University's Şile Campus.

While not limited to the following, we expect submitted paper drafts for this special session to focus on topics such as:

- stock and/or asset market prediction and anomaly detection,
- identification of risks for individual or institutional investors,
- credit risk evaluation for bank or financial institution customers, including credit repayment ability estimation and management of doubtful receivables; banking-related problems such as predicting product features and target customer segments for marketing and sales teams in banks, insurance companies, and other financial intermediaries,
- textual and visual analysis of corporate reporting tools such as financial statements, activity reports, integrated reports, and sustainability reports,
- fraud detection and prevention in accounting and finance,
- development of automated and secure payment or transaction processing systems.

We would be delighted to welcome all researchers and experts who are interested in or actively conducting research on these topics to our special session.

For more details, please visit <https://siu2025.isikun.edu.tr/> or contact us at [siu2025@isikun.edu.tr](mailto:siu2025@isikun.edu.tr) for any inquiries.