Call for papers
Special issue on
AI-Driven Technologies in Social Fintech for Enhancing Sustainable Development and Social Responsibility

The rapid development of technology has brought about revolutionary changes in people's lifestyles, notably shifting transaction modes from physical to digital. This transformation has made Financial Technology (FinTech) a highly popular topic. The rise of the digital economy enables individuals to use mobile payments, digital wallets, and invest in digital currencies or store money in online banking. The identity verification technologies required by FinTech have also been extended to borrowing services for physical objects such as books and bicycles. However, these convenient functionalities no longer satisfy people's desires for technological advancements. Human society has begun integrating Artificial Intelligence (AI) into activities such as stock market investments, payment identification technologies, insurance, and risk assessment. These technologies are widely used and remain prominent in ongoing research.

In recent years, driven by the mainstream adoption of Sustainable Development Goals (SDGs), Social Fintech has gained increasing recognition. Compared to traditional FinTech, Social Fintech places a stronger emphasis on trust within sharing economies, social responsibility, and social interactions. Examples include P2P lending, crowdfunding, group lending, social impact investing, shared bicycles/cars, and financial education platforms. However, due to its social nature, Social Fintech faces challenges not only in the technical aspects of FinTech but also in managing social interactions, building trust, safeguarding data privacy, ensuring legal compliance, and addressing societal impacts. This multidimensional complexity requires innovative technological solutions, and platforms that support higher flexibility, operations, and management to meet user demands and ensure sustainable development. This special issue will focus on how AI technology can promote the sustainable development and social responsibility of Social Fintech. It will present specific research directions and expected outcomes aimed at generating important discussions and will influence academia and related industries.

The special issue has the following topics (but are not limited to):

- Identity verification technology in Social Fintech
- Trust and credibility in Social Fintech
- Social optimization of the sharing economy
- Blockchain-based lending mechanisms
- Design and development of financial education platforms
- Optimization of social investments portfolios
- AI model security in Social Fintech
- Sustainable applications of Social Fintech
- Transparency and optimization of digital fundraising
- AI-driven social responsibility

Important dates (tentative)
Paper Submission Deadline: Dec. 31, 2024
First Round of Reviews Deadline: Mar. 31, 2025
Submission of Revision Deadline: May 31, 2025
2nd Round of Reviews Deadline: Jul. 31, 2025
Decision of Acceptance Deadline: Aug. 31, 2025

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Submission Guidelines
Authors should prepare their manuscripts according to the submission guidelines of the IEEE Transactions on Computational Social Systems. Manuscripts should be submitted through the online submission system at: https://ieee.atyponrex.com/journal/tcss, and select "Special Issue" of "AI-Driven Technologies in Social Fintech for Enhancing Sustainable Development and Social Responsibility" under the Manuscript Category. Papers recycled from those accepted at conferences cannot be considered for publication as SI in the journal. However, extended versions of papers accepted at conferences can be submitted to the journal's SI, provided that the journal version includes a significant amount of new material. Additionally, these papers must be clearly identified by the authors at the time of submission, and a detailed explanation of the extensions made must be provided in the cover letter accompanying the submission. For any inquiries, please contact: hhcho@niu.edu.tw.