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Special Session on Smart ESG Reporting and Investing

Organizers

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Session Information

There are growing calls globally for companies to consider ESG (Environmental, Social and Governance)-related issues and risks in determining their business practices and direction and as part of their medium to long-term strategy, and for issuers to disclose information relating to ESG for the benefit of investors and other stakeholders. ESG investing requires reliable ESG disclosures for investors to identify and manage potential financial risks and generate long-term returns in addition to financial data for traditional investment. Many stock exchanges, for instance, HKEX (Hong Kong Stock Exchange) and SZSE (Shenzhen Stock Exchange), have moved from voluntary ESG reporting to mandatory ESG reporting. Issuers are now required to publish their ESG annual reports based on which ESG performance and disclosure quality would be assessed. An ESG report enables the issuer to be more transparent about the risks and opportunities it faces. ESG reporting is the disclosure of data explaining a business's impact and added value in three subject areas: environmental, social and governance, which encompasses both qualitative disclosures of topics as well as quantitative metrics used to measure an issuer's performance against ESG risks, opportunities, and related strategies.

The aim of this special issue is to publish insights and viewpoints from scholars regarding solutions to the issues and challenges associated with ESG practice from different aspects,

including ESG data collection, ESG report compilation, ESG rating, ESG investing, and among others. We invite original research works that employ qualitative and/or quantitative methodologies, including empirical surveys, case studies, event studies, mathematical modelling, behavioral experiments, optimization, game theory and simulation.

The topics of interest include, but are not limited to:

- Functional requirement analysis and architecture design for ESG reporting and ESG investing;
- Interfaces between technology innovation and ESG practice;
- Interfaces between policy innovation and ESG practice;
- Applications of cutting-edge technologies in ESG reporting and ESG investing;
- Safety, security and risk management in ESG practice;
- Smart ESG reporting;
- Robust ESG rating;
- Intelligent ESG investing enabled by cutting-edge technologies;
- Incentive mechanism design in ESG practice;
- Portfolio optimization incorporating ESG criteria;
- ESG data analytics;
- Rigorous case studies on ESG reporting and ESG investing.

Submission Deadline: May 30, 2023
Notification of Acceptance: July 5, 2023
Early Bird Registration Deadline: July 30, 2023
Final Paper Submission Deadline: August 15, 2023