2024 Cross-Organizational and Cross-Border IS/IT Collaboration in HICSS 57

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Cross-border IS/IT Collaboration nowadays has become elementary in global business environments. Business Schools have emphasized the teaching of ESG management, and have re-built their roles on the societal impact in relation to sustainability, climate change and carbon neutrality. Digital capabilities on collaboration contribute to harmony between humans and information technology in terms of eco-friendly business environments.

Effective cross-organizational collaboration allows firms to advance innovation through timesaving and cost reduction in the post-COVID era. ESG management initiates new forms of collaboration across industries and countries while the carbon neutrality goal motivates companies to implement digital cross-border collaboration. New missions and roles of cross-organizational and cross-border collaboration will be defined for the 2050 Zero Carbon society. New methods and success stories on eco-friendly and socio-friendly collaboration will contribute to the realization of carbon neutrality.

Seven papers were submitted to our mini-track. Based on the comments and suggestions from 24 reviewers, only three papers were accepted for presentation. Digital business ecosystems, international eco-innovation partnerships, supply network sustainability, global virtual teams, collaboration with digital capabilities, knowledge-intensive business services, and information projects with agile frameworks have been the issues addressed by the submitted papers. Eco-innovation with social connectedness, collaboration in knowledge-intensive market service, digital capabilities development for collaboration will be the main discussion topics of our Cross-organizational and Cross-border IS/IT Collaboration mini-track in 2024 HICSS 57.

"Collaborating Beyond Borders: The Role of Social Ties in International Eco-Innovation Partnerships" by Ecem Basak, Ramah Al Balawi, and Ali Tafti looks into the importance of collaboration enhanced by international knowledge spillovers through global interpersonal networks. A Social Connectedness Index (SCI) based on Facebook connections across countries was used to estimate the level of international eco-innovation partnerships. The paper shows the value of cross-border collaboration with social ties, which can lead to knowledge spillovers, technology transfer, and joint R&D efforts.

"The Importance of Collaboration in the Knowledge-intensive Business Services: The Efficiency Analysis of the Industry Using a Meta-frontier Approach" by Jihoon Shin, Hongbum Kim, and Miguel Amaral measures technical efficiency and technical gap ratio to explain their role in driving innovation. Their empirical results show the highest technical efficiency of knowledge-intensive business services in the high-tech industry among four different groups of industries. The paper demonstrates the importance of Knowledge Intensive Market Services in enabling the transfer of knowledge, promoting collaboration, and driving innovation across industries.

"Collaboration with Digital Capabilities Enhance Firm's ESG Management: A Systematic Literature Review" by Kabir Md Shahriar and Ilsang Ko explores the potential research issues on digital capabilities and their role in improving ESG management inters of climate changes and carbon neutrality. We expect the development of AI, blockchain, and cloud computing in ESG measurement tools to enhance the accuracy, efficiency, and transparency of data collection, analysis, and reporting. Exploring the integration of human expertise with digital capabilities in ESG management, decision making, and strategy formulation would provide valuable insights into optimizing the balance between human judgment and automated systems, leading to enhanced sustainability outcomes.

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