

Call for Papers

Bright Internet and Bright Artificial Intelligence

International Conference on Electronic Commerce 2024

May 29-31th, 2024 at Seoul, Korea

Special Issue of Decision Support Systems

January 1, 2024 - July 31, 2024

The workshop of ICEC2024 on the topic of “Bright Internet and Bright AI (BIBAI)” will be held during ICEC2024 in May 29th- 30th at Seoul, Korea. The workshop will be held in cooperation the Special Track of ICEC2024 and Special Issue of Decision Support Systems (DSS) on this subject.

The Call for Papers of Special Issue of DSS on the subject of “Empowering Bright internet and Bright AI” is posted at <https://www.iceec.net/iceec2024/specialissues>.

The same CFP is also posted at the Special Issue sites of DSS in ScienceDirect <https://www.sciencedirect.com/journal/decision-support-systems/about/call-for-papers> and will be posted in the context of Bright Internet Global Symposiums at <http://brightinternet.org/bi-global-symposium>.

The Special Academic Track of “Bright Internet and Bright AI” in ICEC2024 will collaborate with the special issue of **Decision Support Systems**. The paper sessions of this track will be organized with the Invited Speakers of Industry Experts and Policy Makers, and Panel of Reserch Theme Discussion making a workshop together. The Workshop Chairs are Zoonky Lee (Yonsei University), Gyoo Gun Lim (Hanyang University), and Jae Kyu Lee (Xi’an Jiaotong University and KAIST). The Workshop Program Chairs are Dan J. Kim (University of North Texas), Shan Liu (Xi’an Jiaotong University), and Daegon Cho (KAIST).

Let me explain the necessary information for the authors who want to submit papers to ICEC2024 and Special Issue of DSS.

1. Waived Copyright of ICEC2024 Papers

All submitted papers to ICEC2024 Conference including this Special Track will be blindly reviewed to consider their acceptance to present at ICEC2024 paper sessions, nomination for the best paper awards, and possible recommendation to submit to the DSS Special Issue (but the recommendation does not guarantee the acceptance in advance).

ICEC will not publish its own conference proceedings so that authors can keep the full copyright of submitting their manuscripts to journals without any conflict with the copyright of conference proceedings.

The extended abstract of work-in-progress are also welcome to submit, but it cannot be considered for the nomination of best paper awards. The authors of extended abstracts are suggested to make full papers by the conference presentation date and submission due date of the DSS Special Issue.

2. Virtuous Cycle of ICEC2024 Presentation and DSS SI Paper Submission

In order to present your paper in ICEC2024, and improve it to be submittable to DSS SI, please take the following procedure.

- 1) Authors should submit their papers for ICEC2024 by the due date of February 28, 2024.
- 2) Authors will get the reviewers' report, and can improve the manuscript according to the reviewers' comments by the date of presentation at ICEC2024 in May 29-30th. But authors are not required to resubmit the revised versions to ICEC2024.
- 3) Registration of ICEC2024 will cover the attendance of Special Track and Workshop on the Bright Internet and Bright AI.
- 4) Presented authors are encouraged to submit their improved version to the Special Issue of DSS by the due date of July 31, 2024. The submitted papers to DSS will be blindly reviewed again by the Fast Track of Guest Editorial Board of Special Issue.

3. Page Length of ICEC2024 Papers

- 1) The papers submitting to ICEC2024 need to follow the Submission Guide in <https://www.icec.net/submission>.
- 2) Maximum number of pages of full paper is single-spaced 8 pages.
- 3) Maximum number of pages of Extended Abstract is single-space 3 pages.
- 4) The format of DSS papers are described in the CFP of special issue <https://www.icec.net/specialissues2024>.

4. Due Dates and Submission System of Special Track of ICEC2024

- 1) The due date of paper submission for the Track of Bright Internet and Bright AI is the same as the due date of ICEC regular paper: February 28, 2024 as posted at <https://www.icec.net/cfp>.
- 2) Submission system of special track is the same as ICEC paper submission at <https://www.icec.net/submission>.
- 3) But the due date of Special Issue of DSS is July 31, 2024. The submission to DSS SI can start from January 1, 2024 regardless you have presented at ICEC2024 or not.
- 4) Note that your paper submitted ICEC2024 will not be automatically transferred to the submission of DSS SI. So the authors which wish to publish their papers in the DSS Special Issue should submit through <https://www.editorialmanager.com/decsup/default2.aspx>.

5. Topics of ICEC2024 Special Track and DSS Special Issue

The background of special issue is described in the CFP of DSS Special Issue of 'Bright Internet and Bright AI' at <https://www.icec.net/specialissues2024>.

The workshop information about the previous Bright Internet Global Symposiums are organized at the portal of Bright Internet at www.brightinternet.org.

Potential Topics for both Special Track of ICEC2024 and DSS Special Issue

In this special issue, we are interested in novel and thought-provoking contributions about Bright Internet and Bright AI across all levels and domains. We welcome a wide spectrum of research on related issues without any constraints in terms of theory, method, or context. Potential topics of interest for this special issue include the following areas in general, **but not limited to**:

- AI and its impact on Bright Internet in general
- AI and ethical implications for Bright Internet
- AI governance for Bright Internet
- Fostering collaboration with AI for Bright Internet

- AI security challenges faced by individuals, organizations, communities, and/or countries and strategies to address them
- Privacy and data breaches relevant to the usage of AI systems for Bright Internet
- Novel preventive security mechanisms using AI for deterring cyber threat
- Transparency and explainability in AI systems for Bright Internet
- Bias and fairness considerations in AI systems for Bright Internet
- Trust and accountability mechanisms for AI systems for Bright Internet
- Building a trustful society based on the trustful email-based ID
- Organizational Bright Origin as Social Responsibility
- Effect of outbound spam mail management
- Balancing privacy with cybersecurity and self-defense right
- Framework of Origin Responsibility of AI
- Balancing the Identifiability and Anonymity of AI
- Applications of Bright Internet in e-Commerce Platform
- Applications of Bright Internet in Social Networks
- Regulation and market-driven models of Bright Internet deployment
- Stakeholders of Bright Internet and Business Models
- Generative AI: Framework of intellectual property right and ownership
- Addressing discrimination and the dark side of AI
- Social and ethical governance of virtual digital human for Bright Internet
- Digital responsibility of AI systems for Bright Internet
- Ethical AI in Bright Internet Ecosystem
- AI and digital inclusion

6. Contact of DSS Special Issue

1) Special Issue Guest Editors

Daegon Cho (daegon.cho@kaist.ac.kr), College of Business, KAIST, Korea, **Coordinating Editor**

Shan Liu (shanliu@xjtu.edu.cn), Xi'an Jiaotong University, China

Dan J. Kim (dan.kim@unt.edu), University of North Texas, USA

2) Special Issue Guest Advisory Editor

Jae Kyu Lee (jkleee@kaist.ac.kr), Xi'an Jiaotong University and College of Business, KAIST

7. Illustrative References (Purely for your own information)

Benjamin, V., Valacich, J. S., & Chen, H. (2019). DICE-E: A framework for conducting Darknet identification, collection, evaluation with ethics. *MIS Quarterly*, 43(1), 1–22.

Bera, D., Ogbanufe, O., & Kim, D. L. (2023). Towards a thematic dimensional framework of online fraud: An exploration of fraudulent email attack tactics and intentions. *Decision Support Systems*, 171, 113977.

Bose, I., & Leung, A. C. M. (2019). Adoption of identity theft countermeasures and its short- And long-term impact on firm value. *MIS Quarterly*, 43(1), 313–327.

- Chau, M., Li, T. M. H., Wong, P. W. C., Xu, J. J., Yip, P. S. F., & Chen, H. (2020). Finding people with emotional distress in online social media: A design combining machine learning and rule-based classification. *MIS Quarterly*, 44(2), 933–956.
- Danaher, B., Hersh, J., Smith, M. D., & Telang, R. (2020). The effect of piracy website blocking on consumer behavior. *MIS Quarterly*, 44(2), 631–659.
- Dennis, A. R., Moravec, P. L., & Kim, A. (2023). Search & Verify: Misinformation and source evaluations in Internet search results. *Decision Support Systems*, 171, 113976.
- De Cremer, D. (2020). What does building a fair AI really entail. *Harvard Business Review*.
- Ju, J., Cho, D., Lee, J. K., & Ahn, J. H. (2021). Can it clean up your inbox? Evidence from South Korean anti-spam legislation. *Production and Operations Management*, 30(8), 2636–2652.
- Lee, J. K. (2015). Guest editorial: Research framework for AIS grand vision of the Bright ICT initiative. *MIS quarterly*, 39(2), iii-xii.
- Lee, J. K. (2016). Reflections on ICT-enabled bright society research. *Information Systems Research*, 27(1), 1–5.
- Lee, J. K., Chang, Y., Kwon, H. Y., & Kim, B. (2020). Reconciliation of privacy with preventive cybersecurity: The Bright Internet approach. *Information Systems Frontiers*, 22(1), 45–57.
- Lee, J. K., Cho, D., & Lim, G. G. (2018). Design and validation of the bright internet. *Journal of the Association for Information Systems*, 19(2), 63–85.
- Lee, J. K., Park, J., Gregor, S., & Yoon, V. (2021). Axiomatic theories and improving the relevance of information systems research. *Information Systems Research*, 32(1), 147–171.
- Mikalef, P., Conboy, K., Lundström, J. E., & Popovič, A. (2022). Thinking responsibly about responsible AI and ‘the dark side’ of AI. *European Journal of Information Systems*, 31(3), 257-268.
- Samtani, S., Chai, Y., & Chen, H. (2022). Linking exploits from the Dark Web to known vulnerabilities for proactive cyber threat intelligence: An attention-based deep structured semantic model. *MIS Quarterly*, 46(2), 911–946.
- Shin, Y. Y., Lee, J. K., & Kim, M. (2018). Preventing state-led cyberattacks using the bright internet and internet peace principles. *Journal of the Association for Information Systems*, 19(3), 152–181.
- Wei, X., Zhang, Z., Zhang, M., Chen, W., & Zeng, D. D. (2022). Combining crowd and machine intelligence to detect false news on social media. *MIS Quarterly*, 46(2), 977–1008.
- Xu, J., Chen, D., Chau, M., Li, L., & Zheng, H. (2022). Peer-to-peer loan fraud detection: Constructing features from transaction data. *MIS Quarterly*, 45(3), 1777–1792.