

2024 International Conference on Blockchain and Artificial Intelligence Applications for Web 3.0 (ICOW3 2024) Nov 22-23, 2024, Seoul, South Korea

Conference Website: <http://icw3.ksblockchain.org/>

1. Introduction

Web 3.0 is a term used to describe the next generation of internet being built on blockchain technology. It is expected to have a significant impact on society by decentralizing power and control over social media platforms and other mediums of cultural interaction. Web 3.0 gives power to the actual participants in the cultural economy — the creators and the community. With Web 3.0, communities can be more than just consumers of culture — they become active participants in the creator economy. They can become owners and decision-makers in that role instead of just being fans. While research on various aspects of Web 3.0 applications is progressing at a very fast pace, this is only the beginning.

There are still many issues that have to be explored in terms of design, implementation and deployment of Web 3.0 applications and the enabling technologies. For example, extendibility and interoperability of blockchain, NFT based authentication technology based on digital wallet, reward method-based consumer's efforts, Web 3.0 business model etc. require further research. This conference will focus on these issues and present the state of the art in Web 3.0 with AI and their applications.

2. Submission Guidelines

Full Paper: 8 to 10 pages for academic paper

Short Paper: 2-3 pages industrial paper

Submit the paper through EasyChair: <https://easychair.org/conferences/?conf=icow3-2024>

August 31, 2024:	Manuscript submissions due at 10 p.m. KST (Seoul)
September 30, 2024:	Reviews due
October 1, 2024:	Notification to Author
October 15, 2024:	Camera ready submission due at 10 a.m. KST (Seoul)
October 25, 2024:	Early Registration deadline
November 22 – 23, 2024:	Conference Date. at 10 a.m. KST (Seoul)

3. List of Topics

- Web 3.0 use cases and applications in various domains
- Identification and authentication technology for Web 3.0
- Data privacy and security issues of digital wallet
- Blockchain infrastructure technology for web 3.0 especially extendibility
- Web 3.0 applications with Artificial Intelligence
- Artificial Intelligence and decentralized data processing
- Digital wallet for Internet of Things (IoT) and Cyber-physical Systems (CPS)
- Web 3.0 data market place technology
- Data and resource curation technology for web 3.0
- Metaverse application technology for Web 3.0
- Economy ecosystem for Web 3.0 metaverse
- AI based carefree Identification and authentication technology
- Digital Wallet security for Web 3.0 applications

- SBT (Soul Bound Token) and NFT (Non-Fungible Token) applications in Web 3.0
- Digital asset issues in Web 3.0
- Token economy for Web 3.0
- Security and Privacy issues in Web 3.0 and applications
- Information Democratization

4. Publication

Best papers from the conference will be fast tracked for publication in a special issue of the ***Journal of Web Engineering***, indexed in SCIE and SCOPUS: <https://journals.riverpublishers.com/index.php/JWE>

5. Venue

The conference will be held in K-Hotel located in Seoul, South Korea. For more information about the venue and the hotel accommodation visit <http://icw3.ksblockchain.org/hotel-travel/hotel-information/>

6. Contact

All questions about submissions should be emailed to young.yoon@hongik.ac.kr.

7. Sponsors

Korea Blockchain Society
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8. Conference Organizers

Conference Co-Chairs:

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Vijayan Sugumaran, Oakland University, Rochester, MI USA

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Local Arrangements and Publicity Chair:

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