

ICBCT 2027

2027 THE 7TH INTERNATIONAL CONFERENCE ON
BLOCKCHAIN TECHNOLOGYACM International
Conference Proceedings
Series with Open Access
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Special Session 1

TRUSTWORTHY DECENTRALIZED AI AND BLOCKCHAIN: PRIVACY, SECURITY,
AND GOVERNANCE◆ Call For Papers

TOPICS OF INTEREST INCLUDE, BUT ARE NOT LIMITED TO

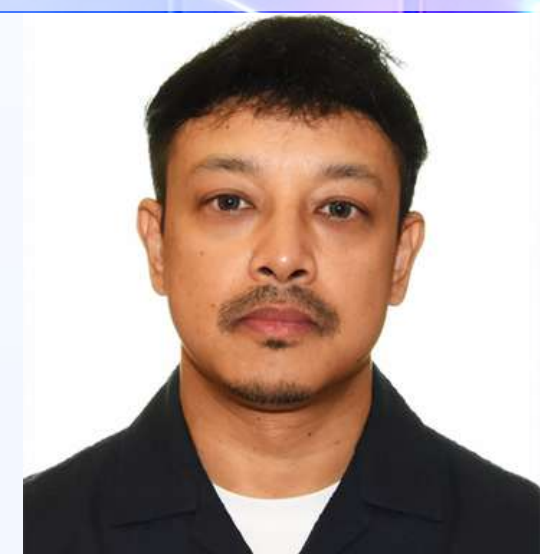
- Blockchain-enabled decentralized artificial intelligence
- Trustworthy decentralized AI systems
- Blockchain and AI integration
- Privacy-preserving decentralized AI
- Security of decentralized intelligent systems
- Blockchain-supported AI accountability and auditability
- AI data and model provenance using blockchain
- Decentralized data governance
- Blockchain-enabled AI governance
- Decentralized identity for intelligent systems
- Privacy and anonymity in blockchain-enabled AI
- Data sovereignty and user-controlled data
- Secure and trustworthy data sharing
- Smart contracts for decentralized AI coordination
- Blockchain-enabled access control for AI systems
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For more details,
please visit at <https://www.icbct.org/ss1.html>

SESSION CHAIR

Ajay Shrestha

Professor

Vancouver Island University (VIU), Canada

Introduction: The convergence of blockchain and artificial intelligence is enabling new forms of decentralized intelligent systems in which data, computation, decision-making, and governance can be distributed across multiple participants rather than controlled by a single centralized entity. While these developments create opportunities for greater transparency, resilience, privacy, and user control, they also introduce significant challenges involving trust, security, accountability, data governance, and responsible deployment. This special session focuses on blockchain-enabled trustworthy decentralized AI, bringing together research at the intersection of blockchain technologies, decentralized artificial intelligence, privacy, security, and governance. It welcomes novel architectures, methods, frameworks, empirical studies, and applications addressing how blockchain and related decentralized technologies can contribute to trustworthy AI ecosystems. Topics of particular interest include privacy-preserving decentralized AI, blockchain-supported AI accountability and provenance, decentralized data and model governance, identity and access management, trustworthy data sharing, smart-contract-enabled AI coordination, security of decentralized intelligent systems, and mechanisms supporting transparency and auditability. The session also welcomes interdisciplinary work examining ethical, regulatory, human-centred, and societal dimensions of decentralized technologies.

◆ Important Dates

- | | |
|-------------------------|-------------------|
| • Submission Deadline | November 05, 2026 |
| • Notification Date | December 05, 2026 |
| • Registration Deadline | December 30, 2026 |
| • Conference Date | March 27-29, 2027 |

◆ Publication

Submissions will be peer-reviewed by technical committee members. Accepted papers after proper registration and presentation will be published in the **ACM International Conference Proceedings Series** with **Open Access**, and submitted for indexing by **Ei Compindex**, **Scopus**, etc.

◆ Submission

- Submissions should include author information, abstract, 5-10 keywords, and be in PDF format. Paper length should be longer than 10 pages in conference template. (Enter the submission system and select Special Session 1)
- [Submission Link](#); [Word Template](#); [LaTeX Template](#).
- Abstract/ Presentation: Abstract submission required; oral presentation only; will not be published.
- Full Paper/Publication: Full paper submission required; presentation required; will be published.

◆ Conference Program

March 27, 2027 | 10:00 - 17:00
Pre-conference Registration
Pre-test for Online Participants
March 28, 2027 | 08:30 - 12:10
Opening Remark & Keynote Speech
March 28, 2027 | 13:30 - 17:30
Poster Sessions&Onsite Concurrent Session
March 29, 2027 | 10:00 - 12:00
Onsite Concurrent Session

◆ Contact Us

Ms. Nydia Liu

Tel: +86-17381841590

Email: icbct2023@163.comMore Information : <https://www.icbct.org/ss1.html>