



Congress on Intelligent Systems
CIS 2020
September 05-06, 2020



Fusion of Artificial Intelligence and Blockchain Technologies (FAIBT 2020)

Session Chair:

Dr. Prakash G

Assistant Professor (Selection Grade)

Department of Computer Science and Engineering

Amrita School of Engineering

Amrita Vishwa Vidyapeethm (Deemed to be University)

Bengaluru - 560035.

Session Co-Chair:

Dr. Uma Maheswari B

Assistant Professor (Selection Grade)

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Aims & Scope:

Today, Artificial Intelligence and Blockchain technologies are gaining momentum and trust worldwide. Blockchain, a revolutionary technology, is making its huge impression with the development and trading cryptocurrencies. On the other hand, Machine Intelligence makes massive waves with predictive and descriptive algorithms in using existing data to recognize trends and gain insights. The fusion of these technologies is an ultimate game changer which renders more benefits. Both technologies have the ability to accelerate data discovery and analysis as well as improve protection for transactions. Furthermore, distributed Blockchain can be a validated input for machine learning models, requiring data sets to predict the output. Data can be transferred reliably using smart contracts which improve the whole process of the system with the use of digital signature. These blended technologies are expected to improve the business paradigm, change the everyday life, and revolutionize how governments and industry sector works. FAIBT 2020 invites original research high quality research papers from prospective authors that represent recent, emerging trends and technology in Blockchain integrated Artificial Intelligence Systems. All the submitted papers should be unique and novel, previously unpublished or currently not under review for publications in any other journals or conferences. The research papers shall be submitted in the following sub-topics, but are not limited to

Subtopics:

- Applications of blended Artificial Intelligence and Blockchain (healthcare, Finance, Government, legal sector, telecommunication, real estate, retail, energy, music and more)
- Blockchain and Bitcoin Security
- Blockchain and Trust Management
- Transaction Management on Blockchain
- Data security, privacy and trust in Blockchain
- Distributed consensus and fault tolerance mechanisms
- Information Retrieval on Blockchain
- Performance optimization of Blockchain and centralized schemes
- Protocols and algorithms based on Blockchain
- Query processing in Blockchain

Technical Programme Committee(s):

- **Dr. R. Sujatha**
Associate Professor (SSE)
School of Information Technology and Engineering,
Vellore Institute of Technology,
Vellore, India.
- **Dr. S. Saravanan**
Associate Professor
CMR Institute of Technology
Bengaluru, India.
- **Dr. S. Sakthivel**
Professor
Department of Computer Science and Engineering
Sona College of Technology
Salem, India.

Submission Procedure:

Researchers and practitioners are invited to submit papers through the below given easy chair link:

<https://easychair.org/conferences/?conf=wcis2020>

Select the special session track from the listed track. All submissions must be original and may not be under review by another publication. The submitted papers will be reviewed on a double-blind and peer review basis.

Publications:

The after-conference proceeding of the CIS2020 will be published in Springer Book Series, 'Advances in Intelligent Systems and Computing'.

All inquiries should be directed to the attention of Session Chair/Co-Chair:

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