7th International Conference on
Research in Intelligent Computing in Engineering (RICE 2022)

November 11-12, 2022
Hung Yen University of Technology and Education, Vietnam

CALL FOR PAPER AND PROPOSALS

The Seventh International Conference on Research in Intelligent Computing in Engineering provides an international forum which brings together the researchers as well as the industry practitioners, who are actively involved in the research in fields of intelligent computing, data science or any other emerging trends related to the theme covered by this conference. The RICE 2022 will provide an opportunity to account the state of the artworks, to exchange ideas with other researchers and to gather knowledge on advancements in informatics and intelligent systems, technologies, and applications.

The RICE 2022 will be organized by Hung Yen University of Technology and Education, Vietnam and co-organized by Thu Dau Mot University, Vinh University of Technology Education and Ho Chi Minh City University of Transport, during November 11-12, 2022. This conference will cover invited keynote talks and technical paper sessions. Besides, you will also get the opportunity to interact with various researchers to learn about some innovative ideas and research developments to become familiar with emerging trends in Science-Technology.

The conference encourages innovative research contribution providing the recent significant developments and promising future trends based applications, systems, tools, environments and infrastructure in the field of computation and related area. We invite you to contribute your original work on topics in the following, but not limited to, areas:

Artificial Intelligence & Machine Learning

>> Supervised learning
>> Unsupervised learning
>> Semi-supervised learning
>> Reinforcement learning
>> Reasoning, problem-solving
>> Knowledge representation
>> Planning

Natural Language Processing and Applications

>> Named Entity Recognition
>> Parsing/chunking
>> Machine Translation
>> Text classification
>> Language models
>> nformation extraction/retrieval
>> Text summarization/generation
>> Automatic text correction
>> Question answering/machine reading comprehension
>> NLP applications: healthcare, legal, patent, manufacturing, etc.

Internet of Things (IoT) and Big Data Analytics

>> IoT Network Design and Architecture
>> IoT Services and Applications
>> IoT Monitoring & Controlling
>> IoT Mining Analysis & Sensors Data Handling
>> Smart Healthcare, Smart Homes and Cities
>> Energy efficient resource utilization
>> Storage Systems of Scalable for Big Data
>> Massive Big Data Processing of Software and Tools
>> Techniques and Data Mining Tools for Big Data
>> Big Data Adoptation and Analytics of Cloud Computing Platforms
>> Scalable Architectures for Parallel Data Processing.
>> Applications of IoT and Big Data

Communication Network

>> Communication Theory
>> Information & Coding Theory
>> Communication Quality, Reliability & Modelling
>> Wireless Communications
>> Machine learning for Digital Communications
>> Deep learning and Applications in Communications Systems
>> B5G/6G

Signal Processing and Embedded Computing

>> Signal, Image and Video Processing
>> Signal Processing for Communications
>> Signal Processing for Big Data
>> Signal Processing for the IoTs
>> Bio-Imaging and Biomedical Signal Processing
>> Telemedical and E-hospital
>> Biomechanics
>> VLSI
>> Embedded Computing

Smart Manufacturing Technology

>> Applications of AI
>> Big Data
>> Blockchain and IoT
>> Digital Twin
>> Collaborative Robots (Cobots)
>> Additive Manufacturing
>> Fault Detection
>> Parameter Identification and Optimation
>> Uncertainty
>> Data-driven Optimization of Manufacturing Process
>> Mass Personalization

PUBLICATION

IMPORTANT DATES

Last Date of Paper Submission: ~~June 30, 2022~~ → **September 10, 2022**
Paper Acceptance Notification: ~~August 10, 2022~~ → **September 30, 2022**
Camera ready paper submission: ~~August 30, 2022~~ → **October 10, 2022**
Last Date of Early Registration: ~~September 15, 2022~~ → **October 15, 2022**
Last Date of Final Registration: ~~September 25, 2022~~ → **October 25, 2022**

CONTACT US

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Full details available at

https://riceconference.in/

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