



## 6th International Conference on Interdisciplinary Computer Science and Engineering

# ICICSE 2023

“Sustainable Interdisciplinary Computer Science and Engineering in the COVID-19 Endemic Era”

22 August 2023

FCSIT UPM (Hybrid)

Faculty of Computer Science and Information Technology UPM

The 6th International Conference on Interdisciplinary Computer Science and Engineering (ICICSE2023) will be held on August 22, 2023. Organized by the Faculty of Computer Science and Information Technology, Universiti Putra Malaysia (UPM). This international conference comprising a days of keynotes, full paper presentations of new research findings in the fields of computer science and engineering. Authors are invited to submit papers in all areas of Computer Network and Distributed Systems, Artificial Intelligence and Big Data, Software Engineering and Information Systems, Multimedia and Information Retrieval and Cyber Security. **We are delighted to announce that the accepted articles will be submitted to Journal of Advanced Research in Applied Sciences and Engineering Technology, which will be then indexed in Scopus.**

Contact Us

ICICSE2023 Secretariat

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Organized By



Faculty of Computer Science and Information Technology  
Universiti Putra Malaysia



### COMPUTER NETWORK AND DISTRIBUTED SYSTEM

Chairperson: Dr. Idawaty Ahmad ([idawaty@upm.edu.my](mailto:idawaty@upm.edu.my))

- Modeling and Simulation of Communication Systems
- Network Architecture and Protocol
- Satellite Communication
- Wired and Wireless Communication
- Wireless Sensor Networks and IOT
- Parallel and Distributed Computing
- Grid and Cloud Computing
- Quantum Computing
- Peer-to-Peer Systems

### ARTIFICIAL INTELLIGENCE AND BIG DATA

Chairperson: Dr. Hazlina Hamdan ([hazlina@upm.edu.my](mailto:hazlina@upm.edu.my))

- Artificial Intelligence and Expert Systems
- Computational Intelligence
- Data Mining, Machine Learning and Neural Network
- Bioinformatics and Computational Biology
- Optimization and Approximation Algorithms
- Knowledge Discovery
- Hybrid Intelligent Systems
- Databases and Data Mining Applications
- Data Warehousing
- Big Data Technologies

### SOFTWARE ENGINEERING AND INFORMATION SYSTEMS

Chairperson: Ts. Dr. Muhamad Sufri Muhammad ([sufry@upm.edu.my](mailto:sufry@upm.edu.my))

- Software Requirements, Architecture and Evolution
- Software Testing, Verification and Validation
- Empirical Software Engineering
- Software Metrics and Measurement
- Mobile and Ubiquitous Software Systems
- Intelligent Software Engineering
- Model-based Software Engineering
- Human-Centered Software Engineering
- Strategic Information Systems
- Knowledge Management
- Big Data Management
- ICT Governance
- Green Technology and Sustainability

### Conference Fees

Online : RM1,700 | 410USD

Physical : RM 1,900 | 460USD

Payments must be made by 16<sup>th</sup> August 2023 in either Ringgit Malaysia (RM) or US Dollar (USD).

### Registration

Please visit our official website to register.  
[www.icicse.upm.edu.my/icicse2023](http://www.icicse.upm.edu.my/icicse2023)

# Tracks

### MULTIMEDIA AND INFORMATION RETRIEVAL

Chairperson: Ts. Dr. Nurul Amelina Nasharuddin ([nurulamelina@upm.edu.my](mailto:nurulamelina@upm.edu.my))

- Computer Graphics/Animation/Visualization
- Audio/Image/Video Processing and Technology
- Digital Media Informatics, Information and Communication Systems
- Augmented and Virtual Reality
- Machine Learning, Information Retrieval in Digital Media Applications
- Game Design and Development in Media and Communication Systems
- Human Computer Interaction and Interfaces in Digital Media Applications
- Medical Visualization Applications and Computational Biology
- Multimedia Knowledge Management
- Holographic Imaging and Applications

### CYBER SECURITY

Chairperson: Dr. Mohd. Izuan Hafez Hj. Ninggal ([mohdizuan@upm.edu.my](mailto:mohdizuan@upm.edu.my))

- Data Security
- Software Security
- Network Security
- Computer Forensics
- Privacy
- Cyber Ethics
- Security in Artificial Intelligence
- Cryptography
- E-commerce Security
- Blockchain
- Security Programming
- Security in HCI
- IOT Security
- Security Governance and Management

### Important Dates

Submission of Full Paper : 20<sup>th</sup> July 2023

Notification of Acceptance : 5<sup>th</sup> Aug 2023

Camera Ready Submission and Final Registration : 16<sup>th</sup> August 2023

Conference Date : 22<sup>nd</sup> August 2023



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