



CALL FOR PAPERS

# ICICSE2021

## 5th INTERNATIONAL CONFERENCE ON INTERDISCIPLINARY COMPUTER SCIENCE AND ENGINEERING

*'Bridging Interdisciplinary Research And Innovations For Sustainable Community Development'*

17 - 19th AUGUST 2021

VIRTUAL CONFERENCE

The 5th International Conference on Interdisciplinary Computer Science and Engineering (ICICSE2021) will be held virtually on 17-19th August 2021. ICICSE2021 is organised by the Faculty of Computer Science and Information Technology, Universiti Putra Malaysia (UPM). The 3-day conference comprises keynotes and paper presentations in the fields of computer science and engineering. Authors are invited to submit papers in all areas of Artificial Intelligence and Big Data, Computer Network and Distributed Systems, Cyber Security, Software Engineering and Information Systems and Interactive Digital and Multimedia Applications. All accepted papers will be published in a scopus-indexed journal.



### CONTACT US

ICICSE2021 Secretariat,  
Faculty of Computer Science and Information Technology,  
Universiti Putra Malaysia,  
43400 Serdang, Selangor.

Phone: 603 9769 1777 (A.P. Dr. Zurina Mohd Hanapi)  
E-mail: [icicse@upm.edu.my](mailto:icicse@upm.edu.my)  
Web: <http://icicse.upm.edu.my/icicse2021>

### ORGANISED BY:



Faculty of Computer Science and Information Technology, UPM



### COMPUTER NETWORK AND DISTRIBUTED SYSTEMS (CNDS)

Chairperson: A.P. Dr. Azizol Abdullah ([azizol@upm.edu.my](mailto:azizol@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

### INTERACTIVE DIGITAL AND MULTIMEDIA APPLICATIONS (IDMA)

Chairperson: A.P. Dr. Mas Rina Mustaffa ([masrina@upm.edu.my](mailto:masrina@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
- Natural Language Processing in Digital Media Applications

### ARTIFICIAL INTELLIGENCE AND BIG DATA (AIBD)

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
- Data Science and Analytics

# TRACKS

### SOFTWARE ENGINEERING AND INFORMATION SYSTEMS (SEIS)

Chairperson: Dr. Ng Keng Yap ([kengyap@upm.edu.my](mailto:kengyap@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

### CYBER SECURITY (CS)

Chairperson: Dr. Mohd Izuan Hafez 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

### CONFERENCE FEES

	Local university (RM)	International university (USD)
Presenter	1,470	380

### IMPORTANT DATES

Paper submission deadline : **17th May 2021**  
Notification of acceptance: **17th June 2021**  
Camera-ready due: **17th July 2021**  
Registration deadline: **1st August 2021**  
Conference Dates: **17-19th August, 2021**

### REGISTRATION

Please visit our official website to register.  
[icicse.upm.edu.my/icicse2021](http://icicse.upm.edu.my/icicse2021)

### FOR MORE UPDATES



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