

# CCICS 2023

2023 International Conference on  
Computational Intelligence and Communication System

## Call for Papers

2023 International Conference on Computational Intelligence and Communication System (CCICS 2023) aims at addressing advances in research on computational engineering and communication technology covering topics ranging from enabling technologies to emerging applications and industrial experiences, to encourage researchers and practitioners to exchange and share their experiences. Authors are invited to contribute original papers in all aspects of computational intelligence and communication engineering. We are thus delighted to invite both our ardent supporters and new colleagues to the CCICS 2023 which will be held at Academic Exchange Center (Guiyuan Hotel) of Central China Normal University, Wuhan, China, on Dec. 28-29, 2023.

### Call for Papers and Special Sessions

Authors are welcome to contribute original, unpublished papers in all aspects of computational intelligence and communication technology. Submitted articles must not be concurrently considered elsewhere for publication. Special sessions supplement the regular program of the conference and provide a sample of the state-of-the-art research in both academia and industry in special, novel, challenging, and emerging topics. Are you interested to proposal one? Please mail [ccics2023@163.com](mailto:ccics2023@163.com)

### Topic Areas

Topics of interest include, but are not limited to, the following:

#### Track 1: Computational Intelligence

Feedforward and Recurrent Neural Networks, Fuzzy and Spiking Neural Networks, Deep Neural Networks, Reinforcement Learning, Deep Learning, Evolutionary Learning, Brain-machine and Human-computer Interface, Bio-inspired Algorithms and Modelling, Algorithms and Computational Theory, Optimization in Autonomous Systems Data analysis and Pattern recognition, Speech recognition and speech production, Robotics and Autonomous Vehicles, Power systems and Smart Grids management, Applications in Controls, Electronics and other Engineering.

#### Track 2: Communications and Networks

Wireless Communications, Information Theory and Coding, Internet of Things (IoT), Cloud and Edge Computing Quantum Computing and Communications, Vehicular Networks, Mobile Communications and Networks, Cognitive Radio & Green Communications, 5G and beyond Communications, Machine Learning for Communications Signal Processing for Communications, Smart Grid Communications.

#### Track 3: Security and Privacy

Authentication, Access Control, and Authorization, Cyber Physical Systems security, Cloud and Edge Computing security, Blockchains and Distributed Ledger security, Intrusion Detection and Prevention, Machine Learning for computer security, Physical-layer and Cross-layer security technologies, Wireless and Mobile security/privacy Security for Software-defined and Data Center networks, Key Management, Public Key Infrastructures and Certification, Malware detection and mitigation, Internet Security: protocols, standards, measurements

### Paper Submission

Authors are welcome to contribute original, unpublished papers in all aspects of communication engineering. Submitted papers must not be concurrently considered elsewhere for publication. Made submissions from the online submission system. (Please first submit your paper to [ccics2023@163.com](mailto:ccics2023@163.com)). CCICS performs an initial review of the manuscript's suitability to ensure the submission falls within the scope of the conference upon receipt.

### Important Dates

Paper Submission Deadline.....November 30, 2023  
Notification of Full Paper Acceptance ..... December 10, 2023  
Registration Deadline.....December 20, 2023  
Conference date.....December 28-29, 2023

### Conference Chairs

Prof. Jinsong Wu, IEEE Senior Member, University of Chile, Chile  
Prof. Joarder Kamruzzaman, IEEE Senior Member, Federation University Australia, Australia  
Prof. Shahid Mumtaz, IEEE senior member, IET Fellow, IEEE IAS Distinguished Lecturer, ACM Distinguished Speaker, IEEE ComSoc Lecturer, Silesian University of Technology, Portugal; Nottingham Trent University, UK  
Prof. Yuriy S. Shmaliy, IEEE Fellow, AAIA Fellow, University of Guanajuato, Mexico  
Prof. Rui L. Aguiar, IEEE Senior Member, Telecommunications Institute, University of Aveiro, Portugal

### Co-chairs

Prof. Abbas Jamalipour, IEEE Fellow, IEICE Fellow, Fellow of the Institution of Engineers Australia, ACM Professional Member, University of Sydney, Australia  
Prof. Jie Yang, Shanghai Jiao Tong University (SJTU), China  
Prof. Joel J. P. C. Rodrigues, AAIA & IEEE Fellow, Senior Member ACM Highly Cited Researcher, Federal University of Piau (UFPI), Brazil; Instituto de Telecomunicações, Portugal  
Prof. Jun Wu, Shanghai Jiao Tong University (SJTU), China  
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Prof. Ping He, School of Intelligent Systems Science and Engineering, Jinan University, Zhuhai, China  
Prof. Asoke Nandi, IEEE Life Fellow, Department of Electronic and Electrical Engineering, Brunel University London Uxbridge, UK  
Prof. Yu-Dong Zhang, IEEE senior member, University of Leicester, Leicester, UK

### Sessions Chairs

Prof. Hamid Reza Karimi, IEEE Senior Member, Polytechnic University of Milan, Italy  
Prof. Hany M. Hasanien, IEEE Senior Member, Ain Shams University, Egypt  
Prof. Igor Kottenko, IEEE Senior Member, St. Petersburg Federal Research Center of the Russian Academy of Sciences (SPC RAS), Russia  
Prof. Pascal Lorenz, IEEE Senior Member, University of Haute-Alsace, France  
Prof. Ruimin Hu, IEEE Senior Member, Xidian University, China  
Prof. Tiande Guo, University of Chinese Academy of Sciences, China  
Asso. Prof. Feiran Huang, College of Cyber Security, Jinan University, Guangzhou, China  
Asso. Prof. Lei Miao, Middle Tennessee State University, Murfreesboro, USA

### Program Chairs

Prof. Leila Musavian, IEEE Member, University of Essex, UK  
Prof. P Venkata Krishna, IEEE Senior Member, ACM Senior Member, SeniorDepartment of Computing Science, Sri Padmavati Mahila Visvavidyalayam, India  
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Asso. Prof. M S Bhargavi, IEEE Senior Member, Bangalore Institute of Technology, India  
Dr. Adnan Aijaz, IEEE Member, Principal Researcher Engineer, Toshiba Research Europe Ltd., UK

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