

Faculty of Computing and Informatics *and the* Faculty of Engineering

# CALL FOR PAPERS

## 3<sup>rd</sup> International Multidisciplinary Information Technology and Engineering Conference (IMITEC) 2021

The Faculty of Computing and Informatics and the Faculty of Engineering at the Namibia University of Science and Technology are co-hosting the 2021, 3<sup>rd</sup> IEEE IMITEC conference. Authors from all over the world are invited to submit previously unpublished work for possible presentation at the 2021, 3<sup>rd</sup> IEEE IMITEC conference. All papers will be evaluated based on the following criterion:

- i. Originality
- ii. Depth and relevance to the conference themes
- iii. Technical and scientific merit
- iv. Clarity and vital insights and
- v. Potential for long-term impact

Submitted papers will undergo double-blind peer reviews. Accepted papers for the conference proceedings and presented by authors will be submitted for publication in the IEEE Xplore Digital Library.

### Thematic Priorities include but not limited::

#### Data Sciences and Engineering

- Data Science and Big Data Analytics
- Statistical Models for Data Science
- Mathematical Models for Data Science
- Computational Models for Data Science

#### Multimedia Computing and Technologies

- Blockchain Technology, Cryptocurrency and Computer Forensics
- Internet-of-Things, Dependable Computing and Fault Tolerance
- 4<sup>th</sup> Industrial Revolution-Related Innovations

#### Data Visualisation

- Virtual and Augmented Reality
- 3D Modelling, Animation, and Computational Modelling

- Pattern Recognition, Image Processing and Simulations

#### Artificial Intelligence

- Swarm Intelligence, Agents and Robotic Devices
- Machine Learning, Deep learning, Reinforcement and Pattern Analysis
- Semantic Computing, Biometrics and Intelligent informatics

#### Security in Data Sciences

- Cryptography, Computer Security, Network Security and Cyber Security
- Computer Crime Analysis and Prevention
- Legislation and Compliance, Laws and Ethics
- Digital Trust, Reputation, Policies and Threat Patterns

#### ICT for Development and Society

- ICT in Agriculture, ICT for Climate Change and Environment
- e-Governance, e-Education, e-Health, e-Banking, e-Commerce, e-Business
- Edutainment, Digital Divide, Digital Exclusion and Digital Identities
- ICT Policies, Infrastructure and its Impact on Society
- ICT in Early Childhood Education, Schools, Higher Education, etc.
- Innovations in e-Learning, Mobile Learning, Social Media

#### Computer Systems, Networks and Applications

- Geographical Information Systems
- Knowledge-Based Systems and Knowledge Discovery
- Recommender Systems and Applications
- Emerging Network Technologies
- Mobile and Wireless Communications
- Smart Sensor Networks, Smart Grid, Homes and Cities

#### Digital Engineering and Applications

- Digital Signal Processing
- Microwave and Radio Frequency Circuit Systems
- Power, Power Electronics, Industrial Electronics and Energy
- Autonomous Drones and Underwater Vehicles
- Remotely Operated Vehicles
- Network Algorithms and Performance Evaluation
- Reliability and Fault Tolerance

*Note that the maximum paper length of 8 pages will be strictly enforced and anonymised PDF files must be submitted for review to [imitec2021.submission@nust.na](mailto:imitec2021.submission@nust.na)*

*For more information please visit conference webpage on <https://imitec.nust.na/>*

**Deadline for Paper Submission: 31 July 2021**  
**Author Notification: 30 August 2021**  
**Conference Dates: 23 - 25 November 2021**

### Enquiries

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