



24 & 25 May 2023, HCT - Dubai Men's Campus

The Application of AI in Sustainable Computing



CONFERENCE SUB-THEMES

ITT 2023 will focus on AI in sustainability and its impact in the following three fields of Information Technology.

Academics, faculty and researchers are encouraged to submit their own, original research papers pertaining to any of the following topics..

Applied Data Science:



- ▶ Machine learning and Deep learning techniques
- ▶ Sustainability and AI
- ▶ Knowledge acquisition and representation
- ▶ Big data techniques
- ▶ Applications of big data
- ▶ Data quality and governance
- ▶ Data visualization techniques
- ▶ Social and web analytics
- ▶ Data analytics applications
- ▶ Information and data retrieval
- ▶ Data pre-processing techniques
- ▶ Digital Transformation
- ▶ Data streaming
- ▶ Green AI

Cybersecurity and Networking:



- ▶ Innovative Network Systems, protocols and Applications
- ▶ Security of wireless and distribution networks
- ▶ Security primitives and algorithms
- ▶ Authentication and authorization
- ▶ Data Security
- ▶ Encryption
- ▶ Embedded Internet devices
- ▶ Quality of Service
- ▶ Computer Networks and Traffic modeling
- ▶ Applications of analytics in Cybersecurity
- ▶ Cloud Security
- ▶ IoT Security
- ▶ Smartphone Security
- ▶ Quantum Cryptography
- ▶ Cybersecurity for critical infrastructure
- ▶ Green ICT Infrastructure models

Intelligent Software and Applications:



- ▶ AI and Software Engineering
- ▶ Formal and Social Aspects of Software Engineering
- ▶ Applications related to sustainable energy
- ▶ Techniques on Software Engineering, and Requirement Engineering
- ▶ Testing and Analysis
- ▶ Maintenance and Evolution
- ▶ Dependability, Safety, and Reliability of Software
- ▶ Parallel, distributed, and concurrent systems
- ▶ Software Engineering Techniques and Production Perspectives
- ▶ Computer Vision Software and applications
- ▶ Human-Computer Interaction
- ▶ Pattern Recognition
- ▶ Mobile and Digital services
- ▶ Green software

VISIT ITT 2023 website