Kabarak University International Conference on Computing and Information Systems - 2022

Wednesday 26 October 2022 - Friday 28 October 2022

Scientific Programme

Data Science

Novel Algorithms, Models and Applications in the following areas; Data Mining, Statistical Analysis, Business Intelligence, Strategy-Making, Data Engineering, Data Warehousing, Data visualization, Database Management, Data Architecture, Operations-Related Data Analytics, Market Data Analytics and Cybersecurity Data Analysis.

Artificial Intelligence

Novel Algorithms, Models and Applications in the following areas; Machine Learning, Deep Learning, Natural Language processing, Expert System, Robotics, Computer Vision, Speech Recognition, and Ethical issues.

ICT for Sustainable Development

Empirical works, evaluations and case studies covering the development, deployment, impact, sustainability and challenges in the following areas; Education, Administration, Governance, Healthcare, Business and Commerce, Hospitality, Transport, Telecommunications, Agriculture, and Finance among others.

Information Security

Novel algorithms and applications in the following areas; Application Security, Network Security, Cloud Security, Infrastructure Security, Intrusion Penetration Testing, Digital Forensics, Incident Response, Endpoint Protection, Mobile Security, Data Governance, Risk and Compliance.

Digital Transformation

Empirical Works and Case Studies on the following; Strategy, Leadership, Customer Focus, Customer Understanding, Customer Touch Points, Top Line Growth, Process Digitization, Employee Empowerment, Performance Management, Digitally Modified Businesses, New Digital Businesses, Digital Globalization,

Smart Technologies

Developments and Case Studies on the application of a combination of the Internet of Things (IoT), artificial intelligence and big data analysis in diverse areas such as healthcare, transport, education, agriculture, entertainment, security and homes among others.

Emerging and Crosscutting Issues in Information Systems