International Conference on Biomedical Engineering (ICoBE 2023)

Monday, September 4, 2023 - Tuesday, September 5, 2023

World Trade Centre, Kuala Lumpur, MALAYSIA

Conference Tracks

Bioinstrumentation & Biomedical Devices

Biomedical Instrumentation, Biomedical Sensors, Biomedical Metrology, Microelectronics, Health Monitoring Devices, Embedded Signal Processing, Electrical Bio-Impedance, Bio-Electromagnetism, Biomechatronics, Biorobotics, Biocomputing, Biochips, Implantable Electronics, Biotelemetry, Biomaterials, MEMS, Nanotechnologies, Biomechanical Devices, Computer-aided Detection & Diagnosis, Brain-Computer Interfaces, Electromagnetic Fields in Biology & Medicine.

Biomedical Signal & Image Processing

Bio-Medical Signal/Image Acquisition, Analysis & Processing, Wearable Sensors & Systems, Biometrics, Acoustic Signal Processing, Time & Frequency Analysis, Bio-Signal Modelling, Non-Linear Dynamics, Monitoring & Telemetry, Medical Imaging.

Artificial Intelligence

Machine Learning, Neural Networks, Natural Language Processing, Speech Recognition, Expert Systems, Planning, Scheduling & Optimization, Robotics, Vision (Image Recognition & Machine Vision), Big Data.

Bioinformatics & IoT in Healthcare

Structural Bioinformatics, Biostatistics & Stochastic Models, Computational Molecular Systems, Pharmaceutical Applications, Systems Biology, Computational Intelligence, Web Services in Bioinformatics, e-Health, Telemedicine, Wearable Health Informatics, Cognitive Informatics, Affective Computing, Therapeutic Systems & Technologies, Healthcare Management Systems, Development of Assistive Technology, Rehabilitation, Pervasive Health Systems & Services, App Development.

Biomaterials

Biomaterials Synthesis, Fabrication & Characterization, Biomedical Applications in Clinics & Industry, Cancer Diagnosis & Therapy, Implantable Devices, Drug Delivery Systems, Gene Vectors, Bio-Nanotechnology, Materials Biocompatibility, Tissue Engineering.

Biomechanics & Rehabilitation

Medical Rehabilitation, Sports Biomechanics, Computational Biomechanics, Comparative Biomechanics, Ergonomics, Orthotics & Prosthetics, Injury Biomechanics, Forensic Biomechanics, Biofluid Mechanics, Bio-Tribology.