Keynote Speakers and Organising Committee

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Malaysia

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**Tracks and Sessions**

**Track 1: Biomedical Instrumentation and Medical Technologies**
- Biomedical Sensors
- Bioelectronics
- Bionics and Medical robotics
- Biochips and Bio-MEMS
- Lab-on-chip and Point-of-care diagnosis
- Wearable Technology
- Biomechanics
- Mechanobiology
- Orthopedics and Prosthetics
- Neural and Rehabilitation Engineering
- Artificial intelligence and neural networks
- Micro/Nano-bioengineering
- Therapeutic & Diagnostic Systems and Technologies
- Cardiovascular and Respiratory Systems Engineering
- Brain Computer Interface
- Sports Engineering and Technologies
- Assistive Technology

**Track 2: Biomedical Signal and Image Processing**
- Bio-signal processing
- Electroencephalogram (EEG)
- Electrocardiogram (ECG)
- Electro-oculography (EOG)
- Electromyogram (EMG)
- Galvanic skin response (GSR)
- Electroneurogram (ENG)
- Biomedical imaging
- Magnetic resonance imaging (MRI)
- X-ray
- Computed tomography (CT)
- Ultrasound
- Endoscopy
- Optical coherence tomography (OCT)

**Track 3: Biomaterials and Tissue Engineering**
- Biomaterials
- Artificial organs
- Implants
- Regenerative medicine
- Tissue engineering
- Clinical trials and Engineering
- Precision medicine

**Track 4: Modeling and Simulation in Medicine**
- Computational medicine
- Synthetic biology
- Systems biology and Systems physiology
- Human modelling and simulation
- Computers and algorithms in Medicine

**Track 5: Telemedicine and Health Care**
- Bioinformatics
- Health informatics
- Telehealth
- Internet of Things or Internet of Medical Things

**Track 6: Biomedical Engineering Education, Society and Hospital Management**
- Healthcare Innovation and Commercialization
- Hospital Management
- Operations
- Safety and standards

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Call for papers and Journal Publications

Abstract Submission beginning: April 1st, 2022

Abstract Submission Deadline: June 30th, 2022

Results of abstract review returned to authors: Within 7-10 days

Conference registration fees due for all presenters: July 02nd, 2022

All registered and accepted full paper submissions will get an opportunity for publications in any one of the following journals.

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