

# INTERNATIONAL CONFERENCE ON BIOMEDICAL ENGINEERING

## ICBME 2022

### VIRTUAL CONFERENCE



JULY  
07-08  
2022



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# International Conference on Biomedical Engineering

**ICBME 2022**

July 07-08 2022

## **Keynote Speakers and Organising committee**



**Prof . Dr. Azli Yahya**

Associate Professor

Universiti Teknologi Malaysia  
Malaysia



**Dr. Gopalakrishnan Narayanamurthy**

Senior Lecturer

University of Liverpool Management School  
United Kingdom





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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 3: Biomaterials and Tissue Engineering**

- Biomaterials
- Artificial organs
- Implants
- Regenerative medicine
- Tissue engineering
- Clinical trials and Engineering
- Precision medicine

### **Track 5: Telemedicine and Health Care**

- Bioinformatics
- Health informatics
- Telehealth
- Internet of Things or Internet of Medical Things

### **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 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 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**



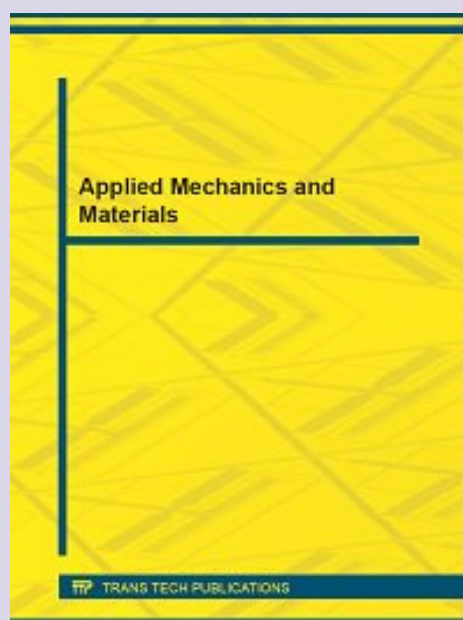
**Abstract Submission beginning: April 1st, 2022**

**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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## **Registration/ Sponsorship**

<i>Registration Categories</i>		<i>Fees</i>
Student Registration	Without publication	USD 175
	With publication	USD 350
Speaker Registration	Without publication	USD 250
	With publication	USD 450
Workshop	Workshop Organizer	USD 500
	Workshop Participant	USD 49
Delegates	Online Observer	USD 75
Exhibitor / Sponsorship		USD 500

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