

# International Conference on Advances in Sports Technology, Sciences and Engineering (ASSE) 2021

## 22 (Virtual Conference)

### MARCH 2021

#### REGISTRATION FEE:

RM 750.00/USD 200.00

RM 450.00 (UniMAP)

#### ORGANIZING COMMITTEE

##### PATRON

Prof Ir Ts Dr R Badlishah Ahmad  
Vice Chancellor

##### ADVISOR

Prof Dr Mohd Fo'ad Sakdan  
Deputy Vice Chancellor (Student Affairs)

##### CONFERENCE CHAIR

Suhizaz Sudin  
Director  
Sports & Recreation Centre

##### CONFERENCE DEPUTY CHAIR

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Dr. Mohd Sharizan Md Sarip  
Dr. Mohd Al-Hafiz Bin Mohd Naww  
Dr Omar S Dahham  
Aini Asifa Ahmad Kamal  
Haliza Jaya

#### For More Info:

<https://asse2020.wixsite.com/asse2020>

#### For Submission:

<http://submit.confbay.com/conf/asse2020>

#### TENTATIVE:

0800 hrs Opening speech by Conference Chair  
0815 hrs Officiating by Vice Chancellor  
0900 hrs Keynote 1  
1000 hrs Keynote 2  
1100 hrs Parallel Session

#### Organizer:

SPORTS AND RECREATION CENTRE, Universiti Malaysia Perlis

#### Co-Organizer:

SPORTS ENGINEERING RESEARCH CENTRE (SERC), Universiti Malaysia Perlis  
MALAYSIAN SPORTS TECHNOLOGY ASSOCIATION



#### TRACK:

##### COMPUTER SYSTEM AND TECHNOLOGY IN SPORT

- Augmented Reality, Exergames and Virtual Sports
- Multimedia and Information Technology
- Simulation and Mathematical Modelling
- Sports Statistics and Analyses
- Computers in professional sports
- Computer systems in sports
- Computer supported training
- Computer and sports development
- Computer application in sports
- Computer and sports development
- Computer application in sports
- Sport performance and support technology
- Coaching system
- Training and testing system
- Sport and recreation management system
- Education in sport

##### MATERIAL SCIENCE AND ENGINEERING

- Materials behaviour
- Casting and solidification
- Powder metallurgy and ceramic forming
- Surface, subsurface, and interface phenomena
- Coatings and surface engineering
- Composite materials
- Materials forming
- Machining
- Nanomaterials and nanomanufacturing
- Environmentally sustainable manufacturing processes and systems
- Manufacturing process planning and scheduling
- Meso/micro manufacturing equipment and processes
- Modelling, analysis, and simulation of manufacturing processes
- Computer-aided design, manufacturing, and engineering



#### CALL FOR PAPER

##### BIOMECHANICS AND BIOMEDICAL ENGINEERING

- Analysis and Evaluation of Human Movement
- Anatomical and Movement Sciences
- Biology of Physical Activity
- Biomechanical Modelling /Simulation
- Biomechanics and Human Movement Science
- Biomechanics and Motor Control of Human Movement
- Biomechanics in Sport
- Biomechanics of Human Locomotion
- Biomechanics of Jumping/Landing
- Biophysical Aspects of Human Kinetics
- Biophysical Foundations of Human Movement
- Computer Modelling and Simulation of Human Movement
- Computing and Direct Measurement of Human Movement
- Control, Organization and Learning of Human Movement

##### APPLIED ELECTRICAL AND ELECTRONICS

- Mobile Ad Hoc and Sensor Networks
- Wireless and Mobile Communications
- Optics and Photonics
- Computational Electromagnetic Compatibility
- Ionospheric and Radio Science
- Satellite Communication
- Antenna and Wave Propagation
- Microwave and RF Engineering
- Cognitive Radio and Networks
- Communication Theory
- Communications QoS, Reliability and Modelling
- Signal Processing for Communications
- Medical Electronics
- Microelectronics
- Nanotechnology



#### AUTHOR'S SCHEDULE:

22 FEBRUARY 2021 : Full Paper Submission  
01 MARCH 2021 : Notification of Acceptance  
15 MARCH 2021 : Payment Due Date  
15 MARCH 2021 : Camera Ready Paper Submission  
(All accepted papers will be published in SCOPUS index conference series proceeding.)