

Mechanical Engineering MultiConference 2019

20-22 August 2019

Bangi Resort Hotel
Malaysia

Centre for Integrated
Design for Advanced
Mechanical Systems

Centre for Materials
Engineering and Smart
Manufacturing

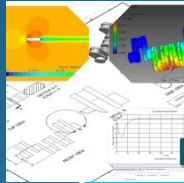


ReCAR 2019

5th International
Conference on Recent Advances in Automotive Engineering

• CONFERENCE TOPICS

- Powertrain and Internal Combustion Engine Technology
- Fuel & Combustion, Alternative Fuel
- Signal Processing & Automotive Electronics
- Vehicle Dynamics & Control
- Automotive Mechatronics
- Automotive Design
- Fuel cell, Hybrid and Electric Vehicle
- Advanced Manufacturing in Automotive Industries
- Traffic & Transport
- Safety, Comfort & Ergonomics
- Green Energy Technology
- Material Characterisation and Processing
- Computational & Simulation Methods
- Mathematical Modelling & Optimisation
- Durability Analysis
- Experimental Mechanics
- Standards, Policies & Regulations
- Life Cycle Engineering
- Other Related Topics in Automotive Engineering



NAE 2019

11th International
Conference on Numerical Analysis in Engineering

• CONFERENCE TOPICS

- Stress, strain and deformation analysis
- Fracture analysis
- Damage analysis.
- Engineering dynamics
- Mechanical elements
- Heat and mass transfer
- Fluid dynamics
- Material forming
- Tribology
- Artificial Intelligence Application in Engineering.
- New algorithms for numerical analysis (Neural network, etc.).
- Computational method in engineering and science.
- FEM Application in Geotechnical and Structural Engineering.
- Biomaterial and Biomechanics.
- Biomedical Engineering.
- Nano science and technology.
- Other Related Topics in Numerical Analysis

IMPORTANT DATES

Extended Abstract Deadline: 31 May 2019
Full Paper Deadline: 31 May 2019
Full Paper Acceptance: 30 June 2019



APSIM 2019

6th International Conference on
Advanced Processes and Systems in Manufacturing

• CONFERENCE TOPICS

- Machining Technology
- Metals, Alloys Design & Foundry Technology
- Ceramics and Polymer Composites Processing
- Welding & Joining Technology
- Design Manufacturing
- Automation and Robotics
- Failure Analysis
- Artificial Intelligence
- Virtual Manufacturing
- Additive Manufacturing
- Operational Research Applications in Manufacturing
- Quality Systems and Management
- Manufacturing Ergonomics
- Supply Chain Management
- Sustainability & Green Manufacturing
- Lean Manufacturing
- Nanostructured Materials
- Other Related Topics in Manufacturing and Processes



SDMMS 2019

4th Symposium on Damage
Mechanisms in Materials and Structures

• CONFERENCE TOPICS

- Fatigue Damage
- Fatigue Design
- Fatigue Crack Initiation & Propagation
- Life Prediction Techniques
- Computational Fracture Mechanics
- Dynamic Fracture
- Damage Mechanics & Assessment
- Non Destructive Test (NDT)
- Structural Durability & Reliability
- Other Related Topics in Structural Integrity

FEES

Presenter:
RM1500 (local)
USD400 (international)
Student:
RM1100 (local)
USD300 (international)
Attendee:
RM800

CALL FOR PAPERS

Authors are invited to submit an extended abstract (in two pages) to the conference secretariat. The template can be downloaded from www.mech-ukm.com. All submission should be made via the conference website www.mech-ukm.com.

ACCEPTED PAPERS WILL BE PUBLISHED IN SCOPUS-INDEXED JOURNALS.