

Sustainable and Integrated Engineering International Conference (SIE 2019) is aimed at providing a platform for scientists, academicians, policy makers and industry players among others to discuss and disseminate issues and progress in the interconnected and multidisciplinary fields of sustainable development and engineering. Sustainable development goals have been initiated by United Nations a few years back; hence, it is hope that this conference will bring together participants from around the globe to get engaged and connected in realizing and materializing these goals.

Thus, SIE 2019 would like to seek high quality and original papers soliciting on, but not limited to the following tracks:

#### Computing Track

Information Assurance and Security  
Pervasive Computing  
Soft Computing  
Artificial Intelligence and Bioinformatics  
Software Engineering  
Applied Computing  
Computer Graphics and Visualization  
Information and Service Systems Innovation

#### Civil Engineering Track

Structures and Materials  
Geotechnical Engineering  
Transportation Engineering  
Water Engineering  
Environmental Engineering  
Construction  
Sustainability & Green Structures

#### Electrical Engineering Track

Power Engineering and Sustainable Energy  
Renewable Energy Systems  
Machine Learning for Sustainable Systems  
Communication and Networking Technologies  
Nano Technologies  
Embedded System and Computer Architecture

#### Chemical Engineering

Chemical Engineering  
Bioprocess Engineering  
Gas Engineering  
Polymer and Biopolymer Engineering  
Petroleum Engineering  
Nuclear Engineering and Renewable Energy  
Sustainable Engineering

#### Mechanical Engineering Track

Thermofluids  
Applied Mechanics and Design  
Materials, Manufacturing and Industrial Engineering  
Aeronautics, Automotive and Ocean Engineering

#### Biomedical Engineering & Health Science Track

Biomedical Signal and Image Processing  
Biomedical Electronics & Instrumentation  
Medical & Health Informatics  
Artificial Organ & Tissue Engineering  
Biomaterials, Biopolymers & Bioenergy  
Biomechanics & Biomedical Modeling  
Rehabilitation Technology & Engineering  
Sports Technology & Engineering

#### Engineering Education Track

Student Centred Learning (SCL)  
Active and Cooperative Learning (AL & CL)  
Problem and Project Based Learning (PBL & PoBL)  
Blended Learning  
Online and Scenario Based Learning  
Outcome Based Education  
Case Study Teaching  
CDIO Practices  
Other new academic learning method

**All accepted papers would be submitted for inclusion in Scopus indexed proceedings or journals.**

**Selected accepted papers and presenters will be awarded Best Paper Award and Best Presenter Award.**

Contact us at  
[sie2019@utm.my](mailto:sie2019@utm.my)

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#### IMPORTANT DATES

Extended Paper Submission:	<del>31 May 2019</del> <b>15 July 2019</b>
Notification of Acceptance:	01 August 2019
Early-bird Registration & Payment:	01 Sept 2019
Camera-Ready:	15 October 2019