



**Call for Papers**  
 8<sup>th</sup> Brunei International Conference on  
 Engineering and Technology 2021  
**BICET2021**  
[www.utb.edu.bn/bicet2021/](http://www.utb.edu.bn/bicet2021/)  
**8-10 November 2021**  
 Faculty of Engineering, Universiti Teknologi Brunei  
 Bandar Seri Begawan, Brunei Darussalam



*Innovation in engineering and technology towards enhancing quality of life and society*



Universiti Teknologi Brunei (UTB) has been organising the **Brunei International Conference on Engineering and Technology (BICET)** bi-annually since 2005. BICET has been an international forum for students, academicians, researchers, practitioners, scientists and industrial partners to interact and share their research findings and latest technological development in their respective fields. This platform brings ideas and concepts from different corners of the scientific community and technology practitioners to discuss global challenges in the fields of engineering and technology and to promote a knowledge-based society. The 8<sup>th</sup> BICET is scheduled to be held on **8-10 November 2021** with the theme *Innovation in Engineering and Technology towards Enhancing Quality of Life and Society*.

*In view of the COVID-19 pandemic and considering its current development globally, the presentation shall be implemented online/virtual for all participants.*

## Conference Topics / Areas / Tracks

### Civil Engineering

- CE01: Structural Engineering
- CE02: Construction Materials
- CE03: Traffic and Highway Engineering
- CE04: Geotechnical Engineering
- CE05: Construction Management
- CE06: Green Building
- CE07: Water Resources Engineering
- CE08: Coastal Engineering
- CE09: Environmental Engineering
- CE10: Other relevant topics

### Electrical & Electronic Engineering

- EE01: Power & Energy Systems
- EE02: Micro/Nano electronics
- EE03: Integrated Circuits & Devices
- EE04: Communications and Networking
- EE05: Photonics & Fibre Optics
- EE06: Control Systems & Instrumentation
- EE07: Industrial Electronics
- EE08: Signal & Image Processing
- EE09: Computers & Networking Applications
- EE10: Mechatronics & Robotics
- EE11: Machine Learning & Artificial Intelligence
- EE12: Antennas, Propagation and RF Circuits
- EE13: Power Electronics & Electric Machines
- EE14: Other relevant topics

### Mechanical Engineering

- ME01: Air Conditioning and Refrigeration
- ME02: Heat & Mass Transfer
- ME03: Renewable & Sustainable Energy

- ME04: Biomedical Engineering
- ME05: Materials Science & Engineering
- ME06: Functional & Smart Materials
- ME07: Advanced Ceramics & Composites
- ME08: Engineering Design & Product Design
- ME09: Advanced Manufacturing Processes
- ME10: Marine Engineering
- ME11: Electronic Manufacturing & Packaging
- ME12: Lean & Green Manufacturing
- ME13: CAD/CAM/CAE/CIM
- ME14: Structural Analysis & Engineering
- ME15: Additive Manufacturing
- ME16: Industrial Engineering
- ME17: Supply Chain Management
- ME18: Mechanical Engineering Education
- ME19: Science in Technology
- ME20: Other relevant topics

### Petroleum & Chemical Engineering

- PCE01: Reservoir Modelling & Simulation
- PCE02: Advances in Enhanced Oil Recovery
- PCE03: Reaction Engineering
- PCE04: CFD in Chemical Engineering
- PCE05: Fluidization Engineering
- PCE06: Process Engineering
- PCE07: Biofuels & Bioenergy
- PCE08: Material Engineering
- PCE09: Simulation & Optimization
- PCE10: Process Planning & Control
- PCE11: Nanotechnology
- PCE12: Water & wastewater Treatment
- PCE13: Mathematical Modelling
- PCE14: Other relevant topics

## Submission & Publication

Prospective authors are requested to submit their full papers online using the conference paper template. Guidelines for the full paper submission can be found at <http://www.utb.edu.bn/bicet2021/submission.html>. Please contact the Conference Secretariat at [BICET2021secretariat@utb.edu.bn](mailto:BICET2021secretariat@utb.edu.bn) should there be any problem with submission. All papers will go through peer review and the authors whose papers are accepted for presentation will receive an invitation letter from the Conference Secretariat. At least one of the authors of accepted paper must register and present the paper during the conference. All peer-reviewed papers shall be included in the **AIP Conference Proceedings** which is indexed by Scopus (Elsevier), Conference Proceedings Citation Index (Web of Science) and Inspec.



**A special invitation goes out to authors from the industry to submit a 1-page extended abstract to be considered for oral presentation only. However, if full paper is submitted and accepted, it will be included in the AIP Conference Proceedings.**

## Important Dates

<b>Full Paper Submission Final Deadline Extension</b>	30 Sept. 2021	<b>Camera-Ready Paper Submission Deadline</b>	31 Oct. 2021
<b>Notification of Acceptance</b>	15 Oct. 2021		

## Registration Fees

Type of Participant	Local (BND) Online Presentation / Virtual Presence		International (USD) Online Presentation / Virtual Presence	
	Early Bird	Regular	Early Bird	Regular
	Before 15 September	After 15 September	Before 15 September	After 15 September
<b>Author / Presenter</b>	200	250	200	250
<b>Audience / Non-Presenter</b>	50		50	

- ✓ One registration is entitled for one participant to present one paper only. Every registered participant will have admission to all sessions.
- ✓ If the participant has a 2<sup>nd</sup> or more papers, s/he shall pay an additional 70% of the registration fees for each additional paper.
- ✓ Non-presenter, accompanying person or audience is allowed to participate in all sessions and will received a certificate of participation.
- ✓ The registration fee must be paid by **31 October 2021**. For details of payments methods, please visit [www.utb.edu.bn/bicet2021/](http://www.utb.edu.bn/bicet2021/)
- ✓ Please check the BICET2021 website periodically for latest updates on the conference.

## Brunei Darussalam

Brunei Darussalam, a rainforest-covered gem nestled on the northern shores of Borneo Island, is a refreshing tourist destination that offers a richly diverse natural and cultural heritage, including the centuries-old majestic royal heritage. The sultanate, established more than 1,500 years ago, is made up of four districts, namely Brunei-Muara, Belait, Temburong and Tutong. The capital city Bandar Seri Begawan is located in Brunei-Muara district. Brunei has 161 km of pristine coastline, adorned with a number of palm-lined beaches and blue waters, in addition to the vast uninhabited rainforest found mostly in the Temburong district – popularly known as the 'Green Jewel' of Brunei. For further information, please visit the Brunei Tourism website at [www.bruneitourism.travel](http://www.bruneitourism.travel).

## Supporting Partners

