# Call for Papers

8th Brunei International Conference on Engineering and Technology 2021

## BICET2021

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 8th 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** 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

| | | | |
|---|---|---|---|
| **Full Paper Submission Final Deadline Extension** | 30 Sept. 2021 | **Camera-Ready Paper Submission Deadline** | 31 Oct. 2021 |
| **Notification of Acceptance** | 15 Oct. 2021 | | |

## Registration Fees

| **Type of Participant** | **Local (BND)** *Face-to-Face Presentation / Physical 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 |
| **Author / Presenter** | 200 | 250 | 200 | 250 |
| **Audience / Non-Presenter** | 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 2nd 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/**
- ✓ 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.**

## Supporting Partners

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