

# Call for Papers and Contribution

## 4<sup>th</sup> International Engineering and Technical Education Conference (IETEC'17)

Hanoi, Vietnam; 4-6 December 2017

<http://ietec.apaqa.org/>

Under the theme

***Engineering and Technology Education Quality Assurance: Embracing the Future***

### The Conference

IETEC'17 is the fourth conference in the IETEC series and will be held in beautiful Hanoi, Vietnam, between 4-6 December 2017. IETEC'17 brings together a wide range of engineering and technology education stakeholders from around the globe to explore the building of new capacities in engineering and technology education that are essential in creating environmentally and socially sustainable 21<sup>st</sup> century economies. The conference will be hosted and staged at the Hanoi University of Science and Technology (HUST), Hanoi in Vietnam. IETEC'17 is supported by Ministry of Education and Training (MOET), Vietnam; Ho Chi Minh City University of Technology and Education, Vietnam (HCMUTE); Deakin University, Australia and Lucian Blaga University of Sibiu-Fundația "Academia Ardeleană, Romania.

### About Hanoi, Vietnam

Hanoi is the capital of the socialist republic of Vietnam and a centre for culture, politics and economy of the country. It lies on the bank of Red River in the north centre and still maintains many ancient architecture, including the Old Quarter and over 600 pagodas and temples. Hanoi is a very picturesque city, commonly dubbed as the Paris of the East. With its tree-fringed boulevards, more than two dozen lakes and thousands of French colonial-era buildings, Hanoi is a popular tourist attraction.

### About HUST, Vietnam

Hanoi University of Science and Technology (HUST) is one of the most beautiful and largest university campuses in Vietnam located in the centre of Hanoi. This multi-disciplinary university was established in 1956 to become the first national technical university with the responsibility of educating human resource for the national industrialization and modernization. HUST offers educational and training programs for about 35,326 students with 67 undergraduate, 33 graduate and 57 doctoral programs. HUST has 3 faculties, 20 specialized institutes/schools, 25 supporting offices and services centres, 8 research institutes, 10 research centres, 11 national key laboratories and 200 laboratories. HUST currently has international partnerships in training and scientific research with over 200 universities, scientific research centres, research institutes and educational organisations in 32 countries around the globe. For more information about the university, please visit: <http://en.hust.edu.vn/>

### IETEC'17 SPECIAL FEATURES

- Interactive workshops by international experts for all stakeholders.
- Special plenary sessions.
- The proceedings will be submitted to index in Thomson Reuters.
- The full papers submitted, selected and presented at the conference will be considered by the award committee for the best paper awards.
- The awarded papers and the other selected papers will be invited to publish in the special issues of International Journals and others.
- Exhibition stalls of engineering education books, software, tools and equipment.
- Showcasing international universities and organisations.
- Opportunities for international collaborations in engineering and technology education.

## **The papers**

The 4<sup>th</sup> IETEC Conference Committee invites your participation and seeks scholarly paper proposals to identify, reflect on, or respond to, trends, innovations and developments that relate to engineering and technology education and its stakeholders. We expect papers to offer conference participants a fresh or novel perspective and therefore contain original contributions and can be theoretical, experimental or application-focused, or unique reports of experience.

## **IETEC'17 Conference Themes and Topics**

### **Pedagogy and Curriculum Development**

- Innovative engineering and technology education instructional design, development and evaluation.
- Best-in-class inter-active teaching and learning approaches in engineering and technology education.
- Exemplars of good practice in engineering and technology education, such as in distance, on-line, blended or flexible learning approaches, or in areas such as assessment and evaluation.
- The development and/or implementation of engineering and technology education curricula that enhance recruitment, enrolment, and graduation of underrepresented populations.
- Project/problem-based learning experiences in engineering and technology education.
- Innovative new methods for engineering and technology education.

### **Trends and Influences**

- Emerging trends in engineering and technology and their educational impact.
- Emerging social, environmental, and policy issues in engineering and technology education.
- Sustainability: problems, possibilities and implications for practice.
- The social media revolution and engineering and technology education.
- New interdisciplinary research paradigms that better address compelling social priorities.

### **Academic Administration and Management**

- Management of engineering and technology institutions and educational programs.
- Supervision in post-graduate and trans-cultural engineering and technology education settings.
- Discipline and pedagogical staff development in engineering and technology education.
- Internationalisation and/or international collaborations in engineering and technology education.
- Knowledge and quality management in engineering and technology education.

### **Special Topics in Engineering and Technology Education**

- Teaching-research nexus in engineering and technology education.
- Work Integrated Learning (WIL) and graduate employability in engineering and technology education.
- Entrepreneurship education and research in engineering and technology.
- Multimedia in engineering and technology education.
- Social and philosophical aspects of engineering and technology education.
- HCI (Human Computer Interaction) applications for educational purposes.
- Lifelong learning in engineering and technology education.

### **The role of language and communication in engineering and technology education**

- English language literacy and engineering workplace readiness.
- Effective communication in engineering and technology education.
- Professional engineering success and oral communication competence.
- The human engineer and the role of language and communication.
- Digital and non-verbal communication in engineering and technology education.

## **Interactive Workshops**

To compliment conference program IETEC'17 program committee is offering interactive workshops. The intended workshops should fall within the scope of IETEC'17 and should be of 2 hours duration. Academics, researchers and practitioners wishing to organise interactive workshops should submit workshop proposal/s using our submission link from IETEC Website.

## Conference Publications

All accepted and presented papers will appear in the indexed proceedings published by the conference committee. The proceedings of the conference will be indexed in Thomson Reuters - Conference Proceedings Citation Index similar to IETEC15-BRCEBE conference held in 2015.

In addition, all papers presented at the conference will be considered by the award committee for the Best Paper Awards. The awarded papers and other selected papers will be invited to be published in the special issues of International Journal of Quality Assurance in Engineering and Technology Education (IJQAETE) (<http://www.igi-global.com/ijqaete>) and other journals as announced on the Conference Website.

Selected papers may also be published in an edited book by IGI GLOBAL provided your contribution is original and that has neither been published previously nor is currently being considered for publication elsewhere. All papers must be presented by the author(s) personally to be published in the conference proceedings.

## The details

For all details, such as paper submission requirements, procedures, and guidelines, please go to the IETEC'17 Website: <http://ietec.apaqa.org/>

## Important dates:

Full Paper Submission by	26 June 2017
Notification of Acceptance of Full Paper	30 July 2017
Early Bird Registration Opens	15 August2017
Early Bird Registration Closes	30 October 2017
Conference Dates	4-6 December 2017

Please direct any submission related inquiries to: [arun.patil@deakin.edu.au](mailto:arun.patil@deakin.edu.au) OR [tung.lehuy@hust.edu.vn](mailto:tung.lehuy@hust.edu.vn)

We look forward to receiving your paper proposal/s and participation!

**A/Professor Dr Arun Patil and Dr Tung Le Huy**

**General Chairs**

**On Behalf of IETEC'17 Organising Committee**

<http://ietec.apaqa.org/>