

# Call for Papers

## Engineering Education Workshop

*The 17<sup>th</sup> International Wireless Communications & Mobile Computing Conference*

IWCMC 2021 Website: <http://iwcmc.org/2021/>

Submission Link: <https://edas.info/newPaper.php?c=27588>

Harbin, China

June 28 — Jul 2, 2021

*Technically sponsored by: IEEE and IEEE Harbin Section*

### Workshop Chairs:

Mohsen Guizani, Qatar University, Qatar

Ala Al-Fuqaha, Western Michigan University, USA

Nadra Guizani, University of Texas at Arlington, USA

Junaid Qadir, Information Technology University (ITU), Pakistan

Muhammad Ali Imran, University of Glasgow, UK

Huimin Lu, Kyushu Institute of Technology, Japan

### Scope:

As one of the technical Workshops of the 2021 IEEE International Wireless Communication and Mobile Computing Conference (IWCMC 2021), Engineering Education is dedicated to address existing and emerging technical challenges in the design, analysis, development, and implementation of education in the fields of IoT, data-driven applications, cyber-security in wireless communication and mobile computing among other topics in the engineering fields. It is also intended to investigate on how to use intelligent techniques in particular AI/ML, wireless communications, and mobile computing to mitigate the challenges of Engineering Education. This Workshop aims to bring together people from academia and industry who are interested in engineering education in the new emerging technologies. This symposium mainly focuses on the theory and practices that address the challenges related to the design, analysis, and implementation of curriculum enhancement, student retention, and engagement in these aforementioned topics.

Accepted papers will be published in the IEEE IWCMC 2021 proceedings and submitted to the IEEE digital library (IEEE Xplore).

Papers in all areas of engineering education are invited with particular emphasis on the main focus of the conference and on current issues in engineering education such as:

- Engineering Pedagogy
- Data driven engineering education
- Education in IoT Networks
- Education in Data Analytics
- Education in Data Engineering
- Facing Corona Crisis in Engineering Education
- Blended and Distance Learning Based Engineering Education
- Game-Based Learning and Gamification for Engineering Education
- Telecom Engineering Education Approaches and Initiatives
- Wireless Comm & Mobile Computing Education Approaches and Initiatives
- Ethics in Engineering Education
- Team Work and Collaboration in Engineering Education
- Transnational and International Engineering Education
- Non-traditional Lab concepts in Engineering Education
- Technology Enhanced Learning

- Student-Centered Learning Environments
- Engaging Undergraduate Students in Research
- Data Science Model Curriculum
- K-12 STEM Education Initiatives
- Personalized Engineering Education
- Assessment and Accreditation Practices for Engineering Education
- Breadth Skills for Engineering Education
- Mastering Digitalization and Artificial Intelligence
- Future-oriented and personalized educational concepts in engineering

## Submission Guidelines:

Prospective authors are invited to submit original technical papers—up to 6 pages of length, using the EDAS link for possible publication in the IWCMC 2021 Conference Proceedings, which will be submitted to the IEEE Xplore. Selected papers will further be considered for possible publication in three special issues in the following Journals. For more information, visit: <http://iwcmc.org/2021/>

1. The International Journal of Sensor Networks (IJSNet)  
<http://www.inderscience.com/browse/index.php?journalCODE=ijsnet>
2. The International Journal of Autonomous and Adaptive Communications Systems (IJAACS)  
<http://www.inderscience.com/jhome.php?jcode=ijaacs>
3. KSII Transactions on Internet and Information Systems: <http://www.itiis.org/>
4. Peer-to-Peer Networking & Applications:  
<http://www.springer.com/engineering/signals/journal/12083>

**Note:** There will be a Best Paper Award, Best Symposium Award, and Best Workshop Award.

## Important Dates:

Submission:	15 February 2021
Acceptance notification:	30 March 2021
Camera-ready:	30 April 2021
Registration:	30 April 2021

**TPC Members (TBD)**