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e - Engineering 2020

IEEE Jordan Section

INTERNATIONAL *e*-ENGINEERING EDUCATION SERVICES CONFERENCE
23 – 24 JUNE, 2020
WADI MUSA (PETRA), JORDAN
ORG: TAFILA TECHNICAL UNIVERSITY
http://e-engineering.org

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The conference has the technical co-sponsorship support of the IEEE Education Society and of the IEEE Jordan Section.

CALL FOR PAPERS

The INTERNATIONAL *e*-ENGINEERING EDUCATION SERVICES CONFERENCE (*e*-ENGINEERING'2020) is the world's premier forum dedicated to presenting and discussing *e*-Engineering courses implementation. The goal is to exchange ideas and best practices in all aspects related to the set up of e-Engineering courses, with a focus on undergraduate and graduate courses as well as vocational and lifelong learning training. The conference seeks to disseminate the concept of e-Engineering, and the responses it brings to the continuous need for enlarging and improving engineering education in a rapidly changing world. *e*-ENGINEERING'2020 will take place in Wadi Musa, near the ancient archaeological site of Petra, Jordan, a UNESCO World Heritage Site, and it is organised by the Tafila Technical University (TTU).

You are invited to participate and submit your contributions to *e*-ENGINEERING'2020. The areas of interest include (but are not limited to) the following e-Engineering topics:

- **Implementation strategies**
  ◦ Curriculum building
  ◦ Course organization
  ◦ Learning platforms
  ◦ Learning strategies
  ◦ Learning scenarios
- **Pedagogical aspects**
  ◦ Pedagogical innovations
  ◦ Gamification strategies
  ◦ e-Lecturing and e-Tutoring
  ◦ Students assessment and e-Rubric
- **Remote experimentation**
  ◦ Simulation tools
  ◦ Virtual laboratories
  ◦ Virtual instrumentation interfaces
  ◦ Remote laboratories
  ◦ Remote robotic laboratories

  ◦ Remote experiments interfaces
  ◦ Scheduling access to remote experiments
  ◦ Security issues
- **Organizational aspects**
  ◦ Teachers training
  ◦ Technicians training
  ◦ Financial models
  ◦ Teachers' payment
  ◦ Quality assessment
  ◦ Accreditation processes
  ◦ Legal aspects
- **Course examples**
  ◦ Successful implementations of e-Engineering courses
- **Any other aspects related to e-Engineering courses**

Key Dates:
Submission deadline: January 12, 2020
Notification of acceptance: March 2, 2020
Camera-ready manuscript: April 5, 2020

Publications:
The official language of the Conference is English. All papers will be double-blind peer-reviewed by, at least, three reviewers based on full paper submission. *e*-ENGINEERING'2020 will produce formal electronic Proceedings, which will include all accepted scientific papers, with ISBN to be submitted to possible indexation in the IEEEXplore Digital Library and other bibliographical search engines. No show papers will be excluded from indexation.

For inclusion in the formal Proceedings, papers accepted for oral presentation require a final 6 to 8 pages manuscript, while papers accepted for poster presentation require a final 2 to 4 pages manuscript.

Best Paper Award:
The *e*-ENGINEERING'2020 Best Paper Award will be announced during the closing session.

For more information, please visit the conference website: e-engineering.org