

## EDUCON2020 Special Session

### ***Engineering Resources on the Web: Open Educational Resources and Courses (EngWeb'20)***

<http://www.educon-conference.org/>

#### Overview

Open Educational Resources (OER) are teaching, learning, and research materials, delivered in any media, that are under public domain or licensed openly, allowing them to be used or adapted by third parties.

OER are seen as an opportunity for teacher innovation through their empowerment as co-creators, who are offered the opportunity to reuse and adapt existing resources. From a practical point of view, the concept of OER is being favored by the development of new applications and solutions that promote user's adoption: open formats, open-source applications, open licenses such as Creative Commons, social networks, repositories, etc.

The e-Engineering Alliance aims at creating courses based on e-Engineering, a concept that results from the concatenation of two previous ideas: e-learning and remote laboratories. This Special Session attempts to promote synergies between the two concepts to create educational content in a structured way to serve students' needs, improving engineering education in a rapidly changing world.

It seeks to bring together OER researchers, activists, teachers and stakeholders, to present theoretical, methodological, technical or empirical research on OER and related issues and to exchange ideas and best practices in all aspects related to the setup and running of e-Engineering courses, with a focus on undergraduate and graduate courses as well as vocational and lifelong learning training.

#### Topics

We welcome submissions from all topics of OER and e-Engineering, including but not limited to the following:

- Building the capacity of users to find, re-use, create and share OER
- Language and cultural issues and strategies for overcoming cultural barriers
- Ensuring inclusive and equitable access to quality OER
- Developing sustainability models
- Developing supportive policy environments

- Implementation aspects of e-Engineering courses
- Pedagogical aspects of e-Engineering courses
- Virtual and real remote experimentation
- Organizational aspects of e-Engineering courses
- Successful implementations of e-Engineering courses
- Any other aspects related to OER and e-Engineering courses

## Technical Program Committee

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## Deadlines

Dec. 15, 2019	Submission of complete papers
Jan. 21, 2020	Notification of Acceptance
Feb. 17, 2020	Author registration and Payment and Final/Camera-ready Due
Apr. 27, 2020	Pre-Conference Workshops
Apr. 28-30, 2020	EDUCON 2020