

Call for papers

## Special Session EDUCON 2018

### “Evaluating Engineering Competencies: A New Paradigm”

The change in the educational paradigm over the past few years demands a profound revision of the teaching and learning methodology. This new methodology must be applied in the different scenarios that the technological revolution allows, and should reach a consensus in the way the acquisition of competencies is evaluated at different educational levels.

As it is well known, the regulatory framework of the European Higher Education Area has highlighted the need to develop new quality teaching systems, different methodologies, and different educational processes to be used by teams of professors, lecturers and trainers in the universities involved in these changes.

This special session will focus on specific ways to evaluate and assess the acquisition of competencies by engineering students.

Since current lecturers are much more familiar with the content view, it is a major challenge for us to deal with competencies-oriented assessment goals. The collaboration in this session may provide ideas and material for supporting them in this respect. Furthermore, the development of a new approach is being demanded by engineering and science trainers to motivate students, and also for students to be motivated with mathematics learning.

#### Topics of interest:

All the processes, methodologies, activities, case studies, etc. related to the evaluation and assessment of competencies in engineering degrees.

#### Important dates:

The deadline to submit your full paper is **20 November 2017**.

You will be notified by 22 December 2017 regarding the acceptance.

#### International Program Committee:

- Ángel Martín del Rey – University of Salamanca (Spain)
- Ascensión Hernández Encinas – University of Salamanca (Spain)
- Carmen del Hoyo Martínez – University of Salamanca (Spain)
- Cristina Caridade – Instituto Superior de Engenharia de Coimbra (Portugal)
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- Luis Hernández Encinas – Spanish National Research Council (Spain)
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- María José Cáceres García – University of Salamanca (Spain)
- Marie Demlova – The Czech Technical University in Prague (Czech Republic)

- Michael Carr – Dublin Institute of Technology (Ireland)
- Snezhana Gocheva-Ilieva – Plovdiv University (Bulgary)