

## Second Announcement



### 19<sup>th</sup> SEFI MWG Seminar Mathematical Education of Engineers Coimbra, Portugal, June 26 – 29, 2018

The **SEFI (European Society for Engineering Education) Mathematics Working Group (MWG)** was established in 1982. The aims of the Working Group include providing a forum for the exchange of views and ideas amongst those interested in engineering mathematics, and promoting a fuller understanding of the role of mathematics in the engineering curriculum, and its relevance to industrial needs. The Working Group issued the third edition of its curriculum document (“A Framework for Mathematics Curricula in Engineering Education”, cf. <http://sefi.htw-aalen.de>) in September 2013. This edition is based on the concept of mathematical competence which puts emphasis on the ability to make use of mathematics in relevant situations and contexts.

In summer 2018, the 19th SEFI MWG seminar will be organised by Coimbra Institute of Engineering, Portugal. The main topics of the seminar will be the following ones:

- Putting the concept of mathematical competencies into practice;
- Issues with, and good practice in, motivating students;
- Assessing mathematical competencies and understanding.

Other contributions related to the mathematical education of engineers are also welcome.

Keynote speakers will be:

- Edwige Godlewski, UPMC Paris, France
- Jaime Carvalho e Silva, University of Coimbra, Portugal
- Morten Brekke, Agder University, Norway.
- Carlota Simões, University of Coimbra, Portugal

Abstracts of presentations, posters or software demonstrations (maximum 1 page) should be uploaded by **January 15, 2018**. For instructions see the web page for the conference:

<https://www.isec.pt/eventos/SEFIMWG2017/>

#### Program Committee

Burkhard Alpers, HTW Aalen, Germany; Marie Demlova, Czech Technical University, Czech Republic; Tommy Gustafsson, Chalmers University of Technology, Sweden; Duncan Lawson, Newman University, UK; Brita Olsson-Lehtonen, Finland; Paul Robinson, IT Tallaght, Ireland; Daniela Velichova, Slovak University of Technology in Bratislava, Slovakia; Cristina M. R. Caridade, IPC/ISEC, Portugal, Deolinda M. L. D. Rasteiro, IPC/ISEC, Portugal.

#### Local Organization Committee

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