

Second Announcement



20th SEFI MWG Seminar Mathematical Education of Engineers University of Agder - Kristiansand, Norway, June 15 – 17, 2020

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 mathematical competencies in didactical research with emphasis on practise roles of researchers and practitioners and their cooperation. How to assess competencies and the major aim of teaching mathematics as a tool to future engineers will also be discussed topics.

In summer 2020, the 20th SEFI MWG seminar will be organised by University of Agder - Kristiansand, Norway. The main topics of the seminar will be the following ones:

- Mathematical competencies in practice and in didactical research;
- How to assess competencies;
- The goal of teaching – “Service mathematics – mathematics for non-specialists”.

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

Keynote speakers will be:

- Simon Goodchild, MatRIC - Agder University, Norway
- Michael Rygaard Hansen - Agder University, Norway

Inspirational keynote speaker will be:

- Roger Antonsen – University of Oslo, Norway

Abstracts of presentations, posters or software demonstrations (maximum 1 page) should be uploaded by **January 20th 2020**. For instructions see the conference web page:

<https://sefimwg2020.sciencesconf.org/> .

Program Committee

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