

Special Interest Group on Mathematics and Engineering Education Report 2019-2020

Chairperson: doc. RNDr. Daniela Velichová, PhD., mim. prof., Slovak University of Technology, Nám. Slobody 17, 812 31 Bratislava, Slovakia

Secretary: Deolinda Rasteiro, ISEP Coimbra, Portugal

Description of the activities in 2018-19:

Annual meeting of MWG Steering committee was held on November 29 - December 1, 2019, at the Faculty of Mechanical Engineering, Slovak University of Technology in Bratislava. Main agenda of the meeting was organization of the upcoming 20th SEFI Mathematics Interest Group Seminar, planned to be organized on June 26 - 29, 2020 at the Matrix centre in Kristiansand, Norway. Main organizer from Norway, Morten Brekke, was invited to participate as guest. Various essential issues were discussed concerning the main topics, conference webpage, seminar draft programme, possible invited speakers and webpage contents. Detailed work-plan was prepared and agreed together with distribution of necessary tasks among members of the Steering committee and submitted to local organizers at the Matrix centre. Information about seminar and other group activities were submitted to the SEFI official webpage, and are available at the working group sites available at the address <https://www.sefi.be/activities/working-groups/mathematics/>.

Working group webpage was continuously updated with new information (by prof. Burkhard Alpers) and is available at the address: <http://sefi.htw-aalen.de/>.

Current Work:

During January 2020 steering committee members reviewed abstract of presentations and papers submitted to SEFI MIG seminar, and authors were informed about acceptance. Seminar webpage was regularly updated with new information about invited speakers, programme schedule, and registration issues for participants were finalized. All committee members were planning to attend seminar. Due to unexpected Covid-19 pandemic, organizers in Norway decided to move the seminar to June 2021, while this information was announced to all interested participants and authors of accepted abstracts. All submitted contributions will be accepted for the new term, while all new submissions will be invited.

Members of the MWG Steering committee participated at the reviewing of papers submitted to SEFI annual conference planed to take place in Enschede in September 2020, namely those related to Maths education at engineering study programmes.

Activities of the Steering committee will continue in November 2020, when we plan to organize our annual meeting, and where all final tasks for the organization of the 20th SEFI Mathematics Interest Group Seminar will be decided.

One of the most important issues will be the announcement of votes of the new Interest Group chair. These will be organized on-line, group members can suggest candidates for the post, while direct votes are planned to be held during the postponed seminar in June 2021.

Date: July 6, 2020

Author: Daniela Velichová

MIG chair