

ThinkBS

Basic Sciences in Engineering Education



Erasmus Plus Project, International Workshop:
25-26 March, 2021, Istanbul, Turkey

Organized by

- Kadir Has University (Turkey),
- University Polytechnica Bucharest (Romania),
- Universidad San Jorge (Spain)
- University Debrecen (Hungary).

ThinkBS is an Erasmus+ project that aims to develop innovative and flexible resources for teaching basic sciences in engineering education.

The workshop aims to bring together academicians from mathematics and engineering departments to discuss problems, opportunities and alternatives.

SCHEDULE

Day 1, March 25, 2021

09:30-09:45 Opening Talk

[Session 1: 09:45 - 11:35](#)

11:35-12:30 Break

[Session 2: 12:30 - 13:55](#)

Day 2, March 26, 2021

[Session 3: 09:30 - 11:05](#)

11:05-12:00 Break

[Session 4: 12:00 - 12:40](#)

Session 1: Research at the undergraduate level

What resources are needed for undergraduate students involved in research projects?

Session 2: Extreme engineering

What is needed for engineers that would attack unusual problems?

Session 3: Majors in mathematics?

What is the core mathematics curriculum for preparing an engineering student to be a mathematician?

Session 4: Alternative methods: Blended/project based learning

What can we do for providing a flexible and rigorous self-learning tool?

Best practices in these areas will be presented in plenary talks. We are waiting for your valuable contributions and participation.

Confirmed Speakers:

Prof. Dr. Ahmet Metin Ger (Kadir Has University)
Prof. Dr. Nihat Berker (Kadir Has University)
Prof. Dr. Turgut Önder (Middle East Technical University)
Doç. Dr. Mehmetcik Pamuk (Middle East Technical University)
Doç. Dr. Mehmet Nafiz Aydın (Kadir Has University)
Dr. Öğr. Üyesi Deniz Eroğlu (Kadir Has University)
Dr. Cihan Pehlivan
Özgür Özdemir (Chief Coordinator of Kangaroo Mathematical Contest)

Abstracts will be published in the Workshop Abstract Book (with ISBN number) .



Co-funded by the
Erasmus+ Programme
of the European Union