



These groups bring together educators, students, and industry stakeholders who share common interests in engineering education. They host meetings, organise workshops, draft position papers, and collaborate on EU projects.

MATHEMATICS: The Maths Group is primarily focused on finding answers to many questions arising in connection to the challenges of teaching effective courses in mathematics for all engineering students developing their mathematical competencies and skills.

PHYSICS: The Physics Group is a network of physics teachers and people who are interested in how to teach and learn physics in engineering education. The group discusses challenges and shares solutions, and every two years, the Physics Teaching in Engineering Education (PTEE) conference is organized.

ENGINEERING EDUCATION RESEARCH: This group forms a European community of engineering education researchers to contribute with research evidence to the advancement of engineering education in Europe and in the world..

DIGITAL LEARNING: This group will add value by sharing best practices, supporting educators, developing practical guides, building digital material repositories, and offering expertise on current trends like AI, MOOCs, and remote learning.

CONTINUING EDUCATION AND LIFELONG LEARNING: The Group focuses on researching, evaluating, and advancing frameworks, policies, and practices around Continuing Engineering Education and Lifelong Learning that respond to the needs of society and industry.

SUSTAINABILITY: Sustainability principles become an important aspect of the engineering curriculum. The group investigates the field of sustainability with respect to impact on engineering education.

DIVERSITY, EQUITY AND INCLUSION: The group aims to: make SEFI accessible and welcoming; bring the issues associated with the lack of diversity within engineering to the attention of the wider community; amplify practices that foster diversity, equity, and inclusion across engineering education contexts; promote research on diversity, equity and inclusion in engineering education; and create opportunities to share insights and build community

ATTRACTIVENESS: The group aims to provide a forum open to students, practitioners, researchers, industry, and other interested parties to understand how prospective students perceive the attractiveness of engineering (education) and to recommend ways of improving it.

ETHICS: This group aims to build a global community of friends in engineering ethics education. Our projects address policy, research, and education themes related to the ethical and socio-economic dimensions of engineering. We aim to put forward examples of best practices in the teaching of engineering ethics and support research collaborations on societal themes.

CURRICULUM DEVELOPMENT: This group focuses on learning about curriculum innovation in EE in different educational environments, as well as becoming aware of the interests of students from different countries and those of a dynamic society, university/business interaction.

ENGINEERING SKILLS: This group works to review the current state of engineering skills and to identify future trends with a view to inform the engineering education community of these to ensure currency of engineering programmes.

CAPACITY BUILDING: This SIG aims to empower the pedagogical development of educators in engineering Higher Education through building a community of practitioners and researchers in education development.

QUALITY ASSURANCE AND ACCREDITATION: This group aims to support and enhance the international accreditation of engineering programs and the development of engineering educators register through targeted tools and strategies.