

Invited Session on “Innovation in Engineering Academic Environment” for the IFAC MIM2025

Invited Session (code **j565g** use this identification code in the submission)

Session Chairs:

Prof. Dr. Alenka Temeljotov Salaj, NTNU, Norwegian University of Science and Technology, Norway

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Innovation and sustainability have become increasingly important in recent years in education and research, helping to address global challenges and strengthening the collaboration between universities and industry. Universities approach innovation goals as a part of an evolving process by modernizing programs and practices, responding to societal needs, competition and new technologies. Although being consistent in their core missions, expressed as education, knowledge creation, research and service to society, the market competition forces them to be more open and creative. STEM competences of engineering studies as the basis for the engineering program, are no longer sufficient. Industry looks for competences that are more closely related to the requirements of the future labour market and support students in their career development. Sustainable innovation involves making intentional changes to an HEI organization's philosophy and values, as well as to its products, processes, or practices. A strategic orientation towards innovation aims to establish better structure and incentives for innovation and creation; develop good tools and support functions and increase interactions with innovation centers. This session is looking for cases how universities develop an environment favourable for innovation while fostering a supportive culture for it. This includes development and implementation of new ideas (products, services, processes and models) to create new relationships or collaborations that promote new responses to pressing demands and affect the process of interactions. It serves the specific purpose of creating social and environmental value in addition to economic returns. Even so, there is still a need to improve the transfer of knowledge and technology as an integrated system between university and industry..

Track topics:

The track chairs invite scientists, scholars, engineers and planners from academia, government and industry, including insurance industry, to contribute their original scientific articles, literature review and applied research papers. This session aims to attract high-quality papers in these areas of developing and monitoring of the innovation in academic environment in general, also the papers of practical relevance and case studies.

Submission:

For author guidelines, please refer to www.ifac-control.org. All papers must be submitted electronically using Symposium Manuscript Management System (CMMS). All papers must be prepared in a two-column format by the IFAC manuscript style. Please use the official IFAC instructions and template to prepare your contribution as full-length draft paper and submit it online by _____.

Submission details are available on the symposium website. All submissions must be written in English. All papers that conform to submission guidelines will be peer-reviewed by IPC members. The corresponding author submits the paper online (pdf format) as invited session paper. **Submission as an invited paper requires the invited session code ____**

Paper submission closure	
Notification of acceptance/rejection	
Deadline for the final submission	