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Type: **Oral presentation**

Enhancing University First-Year Physics Education: Implementation of Interactive-Engagement Methods for Deeper Conceptual Understanding

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In this research a model of teaching and learning within the University introductory physics course was designed implementing selected interactive engagement (IE) methods within the original course format. This model has been used for 10 years within the study programme of future physicists and physics teachers and compared with the traditional lecture and problem solving methods. The results show higher impact on conceptual understanding of kinematics and dynamics concepts in favour of students that experienced IE methods.

How would you like to present your contribution?

Live in Košice (time slot to be allotted based on the programme)

Target education level (primary)

University education

Target education level (secondary, optional)

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Session Classification: Innovative strategies at University

Track Classification: Innovative strategies and pathways to improve physics education at university