



Contribution ID: 8

Type: **Oral presentation**

Fostering gifted students in physics

Monday 3 July 2023 13:40 (20 minutes)

Awakening, recognizing, and fostering gifted students is a challenge in science education, that teachers should address for the purpose of a comprehensive STEM support. A number of models and strategies are known for promoting giftedness. In this talk, we will discuss to what extent a format such as the Physics Olympiad is at all suitable to meet the desiderata of educating the gifted. Moreover, we focus on tasks to promote gifted students which have been developed within pre-service teacher courses at the University of Vienna. The tasks as well as results on the students' learning processes will be presented.

How would you like to present your contribution?

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

Target education level (primary)

Upper-secondary education

Target education level (secondary, optional)

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Session Classification: Innovative strategies at school

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