



Contribution ID: 92

Type: **Poster**

Development of a teaching concept on the subject of “sound propagation” based on a transmitter-receiver-model

Wednesday 28 August 2024 12:20 (10 minutes)

One of the most important senses of the human body is the sense of hearing. In Austrian schools, hearing and related physical concepts (sound generation and propagation) are already part of the physics curriculum in 6th grade (age 11-12). However, for this target group, evidence-based teaching concepts covering research findings on learning difficulties and student concepts are not available. Therefore, we are developing such a new teaching concept on sound propagation and hearing. After the development of the first version of this concept, we conducted teaching experiments and refined the teaching concept.

How would you like to present your contribution?

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

Target education level

Secondary

Category

Formal Education

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Session Classification: Poster session

Track Classification: Teaching and Learning Physics Concepts