



Contribution ID: 28

Type: **Workshop**

“Tutorials in Climate Change”: Teaching scientific concepts underlying climate change

Thursday 29 August 2024 11:30 (1h 30m)

Amid global uncertainties, climate change education is essential to empower students. In this workshop, we introduce Tutorials in Climate Change, designed to enhance conceptual understanding in the context of climate change through practical problem-solving and addressing prevalent misconceptions. Additionally, the tutorials incorporate concept cartoons and an anchored instruction approach and focus on students' reasoning. The target group are upper secondary students and future teachers. Results from an evaluation with future teachers indicate a substantial positive development in their conceptual understanding. In the workshop, tutorials and background information will be provided and implementation scenarios will be addressed.

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: Workshop

Track Classification: Physics Teacher Education and Professional Learning