



Contribution ID: 311

Type: **Poster**

Categorisation of interdisciplinary problems in Physics and Science

Thursday 29 August 2024 12:00 (10 minutes)

In this research, we aim to gain insights into the epistemological factors facilitating interdisciplinary skill development in students, during and after the degree. We designed and conducted surveys containing similar problems presented in various disciplinary contexts, and participants from Physics and other Schools in Science and Engineering were asked to categorise these problems based on problem-solving approaches. Preliminary findings suggest that joint-honours students in Science outperform their single-honours counterparts in connecting topics across disciplines, transcending superficial problem features, and that such ability improves with expertise in Physics.

How would you like to present your contribution?

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

Target education level

University

Category

Formal Education

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