



Contribution ID: 98

Type: **Oral presentations**

## Student Understanding of Divergence and Curl

*Monday 26 August 2024 16:30 (20 minutes)*

As a part of a broader project that aims to investigate students' mathematical understanding in physics, this study explores how students understand the partial derivatives of divergence and curl of vector field diagrams. Student difficulties finding partial derivatives of divergence and curl of vector field diagrams will be reported.

### 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

**Authors:** Prof. THOMPSON, John (University of Maine); Prof. LOVERUDE, Michael (California State University Fullerton); TOPDEMIR, Zeynep

**Presenter:** TOPDEMIR, Zeynep

**Session Classification:** Oral presentations

**Track Classification:** Teaching and Learning Physics Concepts