



Contribution ID: 179

Type: **Symposium**

## Physics Education in the Digital World

*Tuesday 27 August 2024 11:30 (1h 30m)*

Distance teaching, notably during the recent pandemic, has highlighted challenges in physics and STEM education globally. Efforts are underway to integrate computer-assisted data acquisition, mobile devices, and AI to enhance classroom learning. However, the effective use of digital technologies depends on developing teacher competencies, promoting digital literacy among students, and implementing active learning strategies that incorporate modern physics. This symposium aims to explore sustainable physics education through classroom interventions and teacher development, focusing on integrating modern physics and digital tools with current educational programs.

### How would you like to present your contribution?

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

### Target education level

General

### Category

Formal Education

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**Session Classification:** Symposium

**Track Classification:** Multimedia, AR, VR and AI in Physics Education