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Physics learning promoting culture
and addressing societal issues

Contribution ID: 41

Type: **Oral presentation**

Undergraduate Physics Laboratories for Remote Teaching and Learning

Wednesday 5 July 2023 14:20 (20 minutes)

. As the COVID-19 pandemic spread through the world, universities switched overnight from in-person to remote teaching and learning. This immediate switch to remote teaching caused a negative impact on laboratory components of physics courses. Remote laboratory delivery illustrated the widespread need for high quality virtual science laboratory resources and served as the catalyst for developing new approaches and methods. Today it is clear that effective materials developed for remote laboratories during the pandemic will continue to support post-COVID teaching and learning. This presentation will focus on some successful approaches to online, remote undergraduate physics lab offerings.

How would you like to present your contribution?

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

Target education level (primary)

University education

Target education level (secondary, optional)

University education

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Session Classification: Innovative strategies at University

Track Classification: Innovative strategies and pathways to improve physics education at university