4th World Conference on Physics Education

EMBRACING CHANGES TOGETHER

Contribution ID: **185**   Type: **Symposium**

Development of digital teaching scenarios on advanced STEM topics for teacher education

Wednesday 28 August 2024 11:30 (1h 30m)

STEM Digitalis project aimed at the development of blended and distance learning environments for pre-service science teachers in advanced STEM topics. Consequently, five teaching scenarios about contemporary scientific topics have been developed, to facilitate pre-service teachers'conceptualization of STEM learning and to provide them with learning experiences, supporting the development of their digital competencies. Three contributions of the proposed symposium are focused on the implementation of the teaching scenarios, focusing on the use of digital technologies for teaching STEM topics in blended and distance learning environments, while the fourth contribution discusses insights of these implementations into pre-service teachers training programs.

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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Session Classification: Symposium

Track Classification: Physics Teacher Education and Professional Learning