



Contribution ID: 95

Type: **Oral presentations**

Comparing the two quantum revolutions: development of a teaching module to value their cultural and conceptual scope

Friday 30 August 2024 11:30 (20 minutes)

We are in the midst of the Second Quantum Revolution, which succeeded the First in the early 20th century. The First revolution revolved around the wave-particle duality and led to the emergence of technologies like transistors and lasers. The Second heralds a new technological epoch encompassing quantum sensors, communication, computers, and simulators. This revolution is changing the research and our political, societal, and educational landscape, calling educators to promote quantum literacy and prepare the forthcoming quantum experts. We present a module for high school students and teachers, which stimulates reflections on the cultural and conceptual implications of the ongoing revolution.

How would you like to present your contribution?

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

Target education level

Secondary

Category

Formal Education

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