



Contribution ID: 261

Type: **Oral presentations**

The Quantum for All Project: Student Outcomes and Connections to Teacher Professional Development

Thursday 29 August 2024 11:10 (20 minutes)

The Quantum for All project is designed to expand Quantum Information Science education in precollege education. The professional development model includes an opportunity for teachers to learn QIS and then teach a summer camp. In this presentation, we will examine growth in student knowledge and confidence in the QIS, as well as attitudes the students have around the topics and careers in QIS. We will also correlate these findings with teacher content knowledge and confidence for the various topics, since some topics were initially unfamiliar to the teachers.

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

Author: MATSLER, Karen (UT Arlington)

Co-author: LOPEZ, Ramon (UT Arlington)

Presenter: MATSLER, Karen (UT Arlington)

Session Classification: Oral presentations

Track Classification: Physics Teacher Education and Professional Learning