



Contribution ID: 257

Type: **Oral presentations**

## **The Quantum for All Project: Professional Development Model and Teacher Outcomes**

*Thursday 29 August 2024 10:30 (20 minutes)*

The Quantum for All project has developed instructional materials and a professional development program to expand Quantum Information Science education in precollege education. In this presentation, we discuss the design of the professional development plan and the development of the materials by the Leadership Team. We then discuss the workshops for teachers to learn and utilize this content. We will examine growth in teacher knowledge and confidence, and we also examine the variation of these things across content domains as represented by the instructional modules.

### **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

**Primary author:** LOPEZ, Ramon (UT Arlington)

**Co-author:** MATSLER, Karen (UT Arlington)

**Presenter:** LOPEZ, Ramon (UT Arlington)

**Session Classification:** Oral presentations

**Track Classification:** Physics Teacher Education and Professional Learning