

Contribution ID: 263

Canadian Association of Physicists

Association canadienne des physiciens et physiciens

Type: Oral (Non-Student) / Orale (non-étudiant(e))

## **Quantum PER: A Brief Review**

Tuesday 10 June 2025 16:45 (15 minutes)

In honour of the International Year of Quantum Science and Technology (IYQ), I will review the physics education research (PER) on learning quantum mechanics, with a focus on introductory courses. This brief overview will include examples of common conceptual difficulties with quantum physics and strategies to guide students to overcome them to generate robust mental models.

## Keyword-1

PER

## Keyword-2

quantum

## Keyword-3

Author: SEALFON, Carolyn (Minerva University)

Presenter: SEALFON, Carolyn (Minerva University)

Session Classification: (DPE-DQI) T3-7 Joint Session | Session Conjointe (DEP-DIQ)

**Track Classification:** Technical Sessions / Sessions techniques: Physics Education / Enseignement de la physique (DPE-DEP)