

Preparing for the Quantum Revolution: what is the role of higher education?

SEMINAR

20 Feb, 2024
10:30h

Quantum sensing, quantum communication, and quantum computing have attracted attention recently, as these could offer significant advantages over existing technologies. **This quantum revolution has also driven an increased need for quantum-proficient STEM graduates.**

The seminar will present results from studies on the quantum industry, detailing activities, job profiles, and the skills valued in the field. Prof. Lewandowski also will outline efforts to enhance student preparation through experimental training, including a lab course and a project-based course focused on industry-sponsored projects, covering both technical and professional skills.

Heather Lewandowski is an experimental physicist at the University of Colorado Boulder and a Fellow of the JILA. She serves on the board of the Advanced Laboratory Physics Association and she has been involved in the creation of the Recommendations for the Undergraduate Physics Laboratory Curriculum (2014).

AULA R.

**DIPARTIMENTO DI
FISICA E ASTRONOMIA**

FREE REGISTRATION HERE:



WEBSITE:

<https://rb.gy/8fy57w>



**PROF. HEATHER J.
LEWANDOWSKI**

UNIVERSITY OF COLORADO BOULDER


**SEMINARI DI DIDATTICA
DELLA FISICA**

Idee da condividere e far crescere



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

