



# Conéctate con Fermilab

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Fermilab

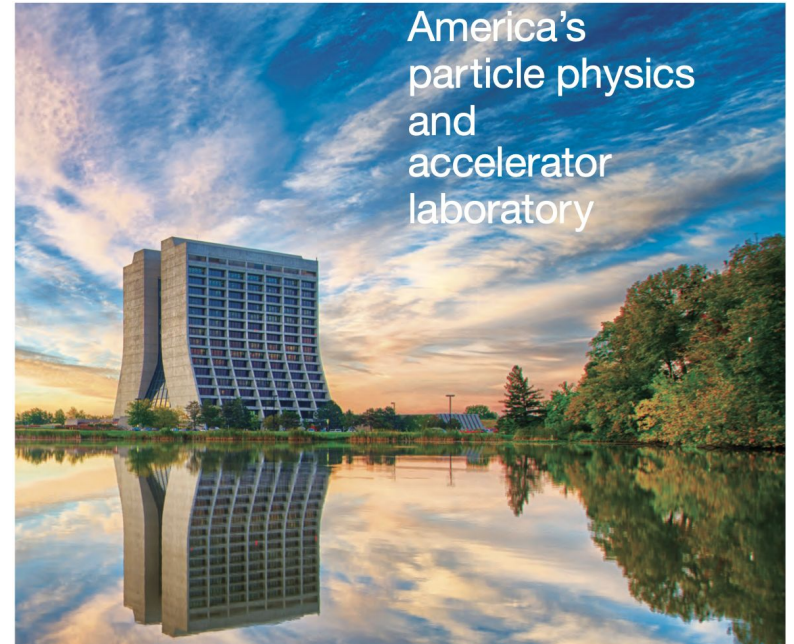
13 Oct 2022

# Fermilab

Fermilab is American's particle physics and accelerator laboratory

What we do:

- Particle physics
- Particle accelerator
- Detectors
- Computing
- Quantum science and technology
- Emerging technologies
- Theoretical physics



Fermilab science programs are performed by people from different STEM careers including: Physics, math, computer science, electrical engineering, mechanical engineering, electronics ...



# Conéctate con Fermilab

## For College/Undergraduate Students

Two-hour informational online meeting on  
October 13, from 3–5 p.m. CT

Learn about Fermilab internship programs  
and talk to experts from different STEM  
areas at Fermilab

### Topics include:

- Electrical and mechanical engineering
- Computer science
- Applied mathematics
- Particle physics and cosmology

Register for the meeting at  
[indico.fnal.gov/event/56026/](https://indico.fnal.gov/event/56026/)

Fermilab is located in Batavia, Illinois, about 40 miles west of Chicago.  
The laboratory employs more than one thousand scientists, engineers  
and technicians and collaborates with scientists from around the world.  
Learn more about Fermilab at [www.fnal.gov/pub/science](http://www.fnal.gov/pub/science)



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**ENERGY**

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Science

# Program

## First part (plenary)

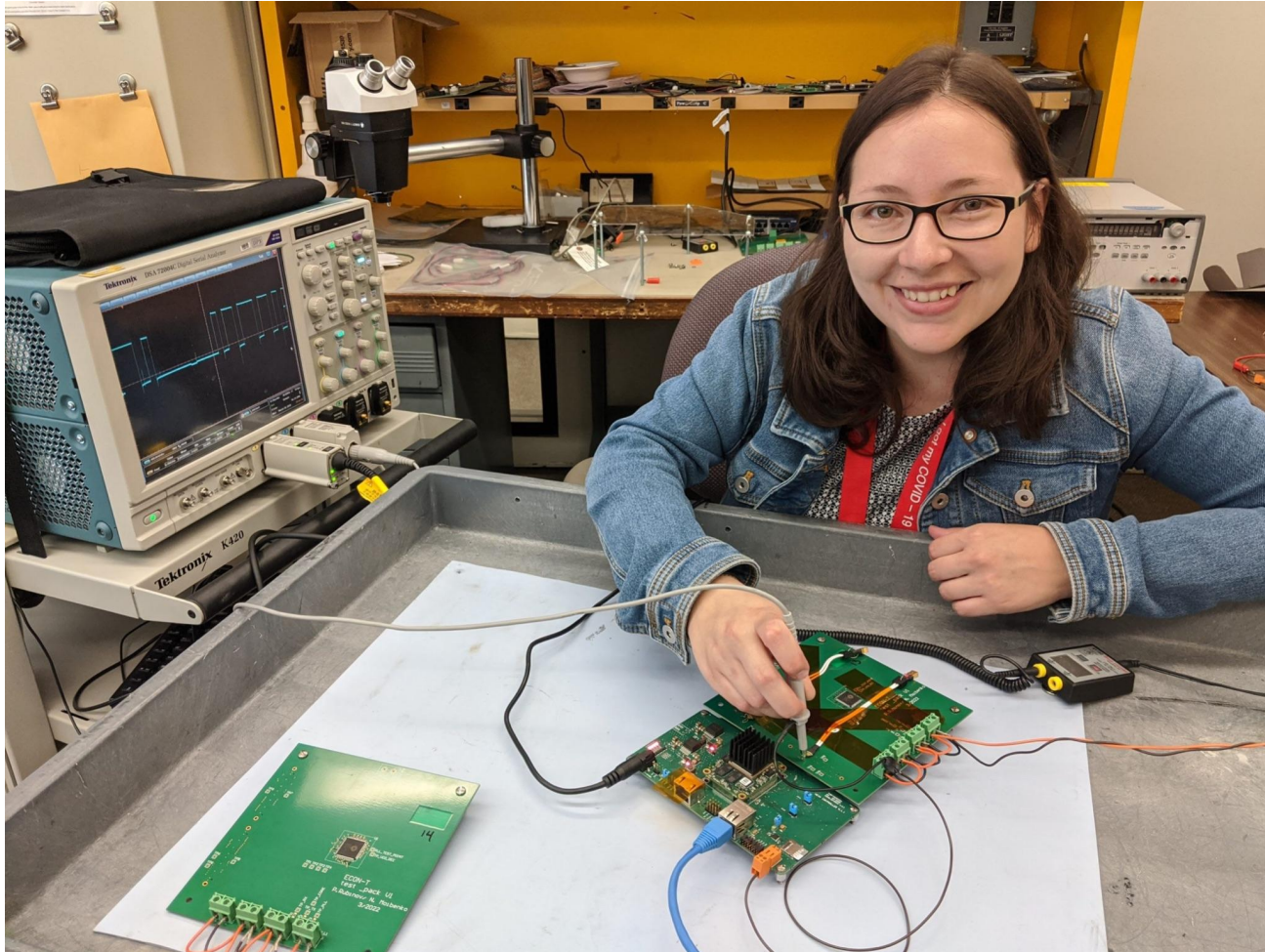
- 3:00-3:30 Welcome and Keynote speech
- 3:30-4:00 Fermilab Internship Programs

## Second part (parallel sessions)

- 4:00-4:10 Introduction
- 4:00-5:00 Questions and answers

# Keynote Speaker

Dr. Cristina Mantilla, Fermilab Lederman Fellow





# Parallel Sessions

Science discussion (1 hour): Zoom breakout rooms

Discussion about specific topics with three scientists and/or engineers

Topics include:

- **Electrical Engineering: Panel Chair: Adam Quinn**  
Panelists: Farah Fahim, MiguelAngel Marchan and Trevor Nichols
- **Mechanical Engineering: Panel Chair: Roza Doubnik**  
Panelists: Adrian Orea, Leandro Stefanazzi (Electronic engineer) and Hemanth Kiran
- **Particle Physics: Panel Chair: Shirley Li**  
Panelists: Fernanda Psihas, Cristian Pena and Gonzalo Diaz
- **Astrophysics: Panel Chair: Howard Bruce**  
Panelists: Ana Botti, Gabriela Marques and Sreevani Jaragula
- **Computer science: Panel Chair: Tanaz Mohayai**  
Panelists: Bruno Coimbra, Marco Mambelli and Namratha V. Urs

# Meeting Ground Rules

Please follow the following instructions during this meeting

- Please mute when your are not speaking
- Please use the “raise hand” feature and the moderator will try to recognize people in order
- Typing questions in the chat: always okey