



What's new at Fermilab?

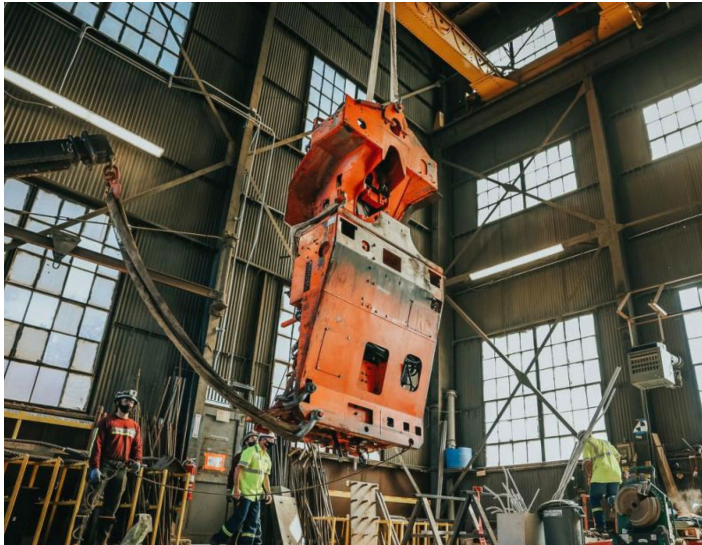
Office of Communications
Tracy Marc, media relations manager

July 22, 2021

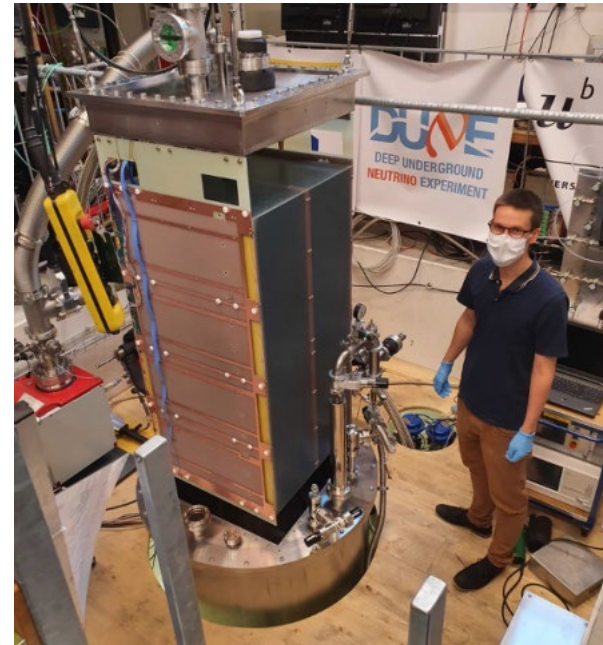
DUNE update



**Black Hills
Pioneer**



Lowering equipment



Argon Cube for DUNE

Dark Energy Survey – In the News

NSF | NOIRLab PUBLIC EN | E


ABOUT PROGRAMS PROJECTS IMAGES VIDEOS NEWS EDUCATION PRODUCTS DIVERSITY EVENTS

Announcements >

DECam Takes Millionth Exposure

Astronomers celebrate a major milestone with the high-performance Dark Energy Camera on NOIRLab's Víctor M. Blanco 4-meter Telescope

8 June 2021



Scientists working with the Dark Energy Camera (DECam), on the Víctor M. Blanco 4-meter Telescope at the Cerro-Tololo Inter-American Observatory (CTIO), a Program of NSF's NOIRLab and located in the Coquimbo Region of northern Chile, are celebrating a major milestone: the instrument has taken its one-millionth

Fermilab artist in residence program



Mark Hirsch

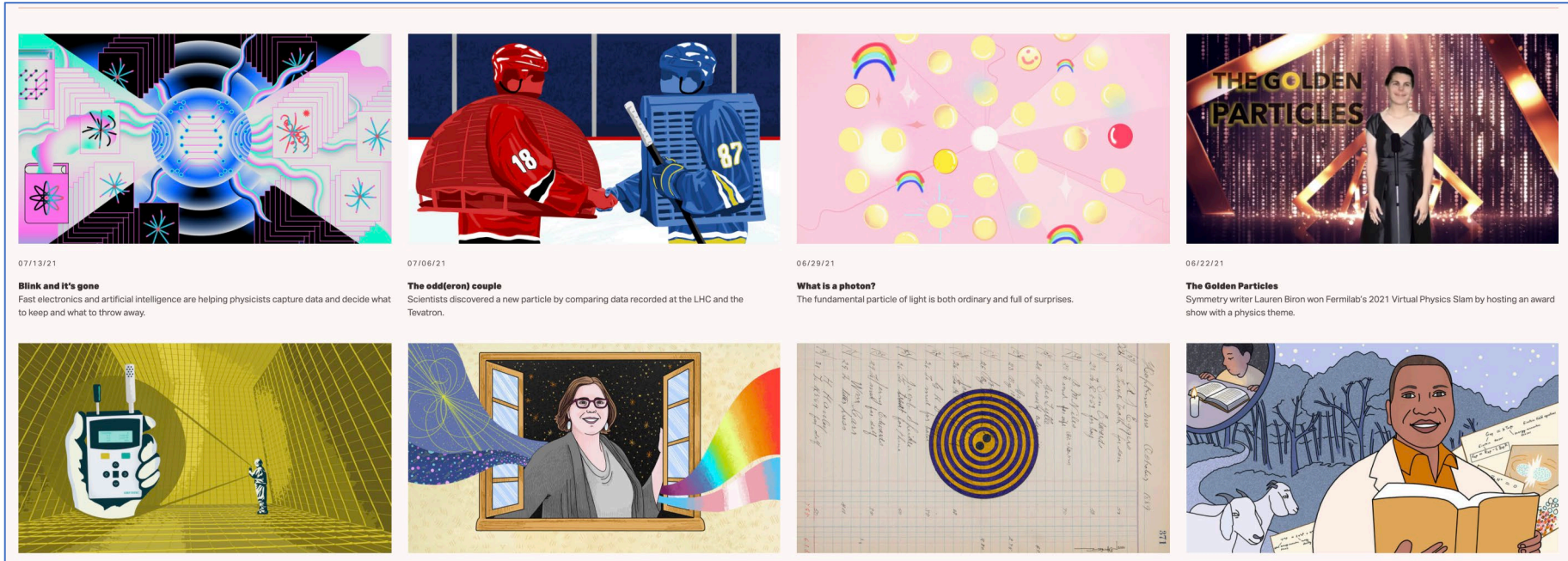


David Biedenbender

Fermilab virtual signing with the INFN



Collaboration on the Short Baseline Neutrino Program, the PIP-II particle accelerator project, the EuPRAXIA advanced accelerator project.



Topics include:

- How fast electronics and artificial intelligence are helping physicists capture data
- Discovery of a new particle by comparing data recorded at the LHC and the Tevatron
- What is a photon?
- The 2021 Virtual Physics Slam winner Lauren Biron's Golden Particles
- Modern particle detectors
- Elena Long's search for community as a trans scientist
- The revitalization of the indigenous Blackfoot language
- STEM enrichment opportunities to youth in remote, underserved towns and villages.

