

May 28, 2026

Office of Communication update

Presented by Fermi National Accelerator Laboratory
Community Advisory Board



U.S. DEPARTMENT
of **ENERGY**

Fermi National Accelerator Laboratory is managed by
FermiForward for the U.S. Department of Energy Office of Science

DUNE milestone celebration, May 7 in Lead, SD



[Fermilab marks major milestone for world-leading DUNE experiment](#)
Press release received 1,900 views



Spring at Fermilab

On April 21, the first bison calf of the lab's beloved American bison herd arrived.



Press release received 1,700 views

Muon g-2 collaborations receives prestigious Breakthrough Award



[Fermilab experiment receives prestigious Breakthrough Prize in Fundamental Physics](#)

Press release received 2,500 views

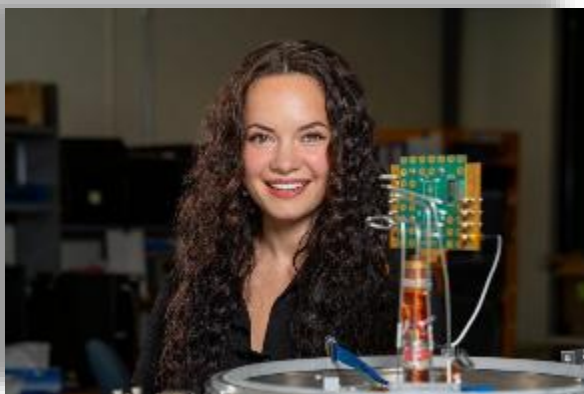
From the newsroom

From the newsroom – features

13 new Fermilab newsroom stories between March 27 and May 27

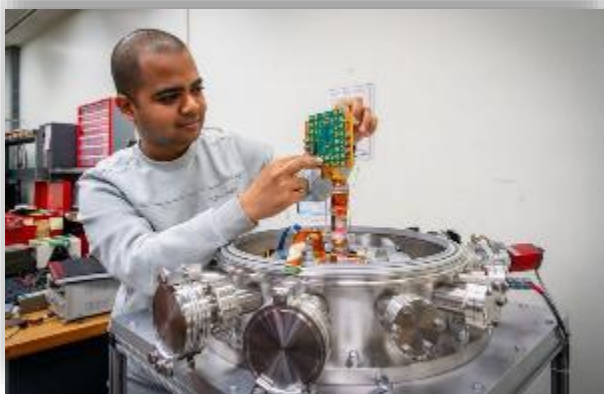
Using AI, Fermilab researcher probes how transistors behave in extreme cold

161 views



Fermilab leads multi-lab AI initiative to accelerate design of chips used in extreme environments

679 views



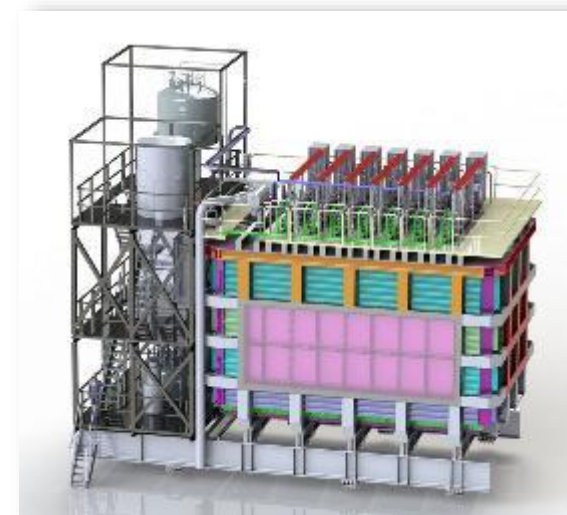
Anna Grassellino appointed to DOE Office of Science Advisory Committee

1,000 views



DUNE will use liquid-argon time projection chamber technology both near and far

196 views



From the newsroom – features

Fermilab completes its part in upgrading world's most powerful X-ray laser

882 views



A minute with Jacopo Bernardini

384 views



Yao Lu receives Early Career Award to harness quantum entanglement for dark matter search

357 views



Fermilab's new director clarifies mission and achieves progress in first 100 days

1,000 views



From the newsroom – features

DUNE collaborators advance breakthrough power-over-fiber technology

493 views



Fermilab researchers develop AI tools to advance the future of particle accelerators

792 views



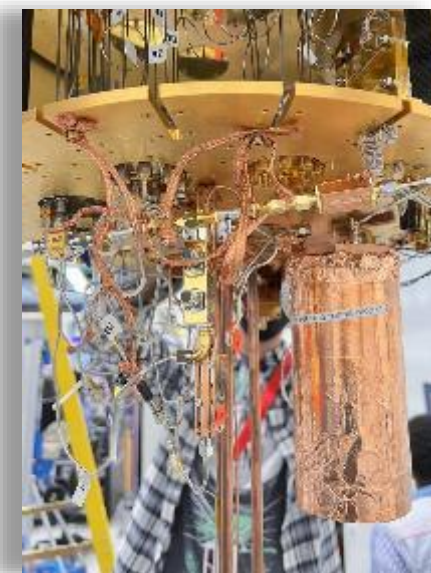
Steven Gardiner receives Early Career Award to advance low-energy neutrino research at DUNE

433 views



New electronically tunable quantum detector speeds up search for dark matter

900 views



From the newsroom – press releases

8 new press releases have posted since March 27

DESI completes planned 3D map of the universe and continues exploring
1,200 views



ICARUS experiment marks major milestone in first neutrino science results
537 views



Fermilab celebrates 2026 quantum science program graduates
315 views



From the newsroom – press releases

8 new press releases have posted since March 27

Largest neutrino experiment in the US wins Project of the Year Award

1,100 views

Fermilab teams up with NIU to launch quantum science program

802 views



New video

What is a dilution fridge? | Quantum science at Fermilab

9.9k views

Fermilab cryoengineers Greg Tatkowski and Chris James, along with physicist Daniel Bafia, unravel the mysteries of dilution refrigerators— an essential tool for achieving ultra-low temperatures critical to quantum research.



Social media

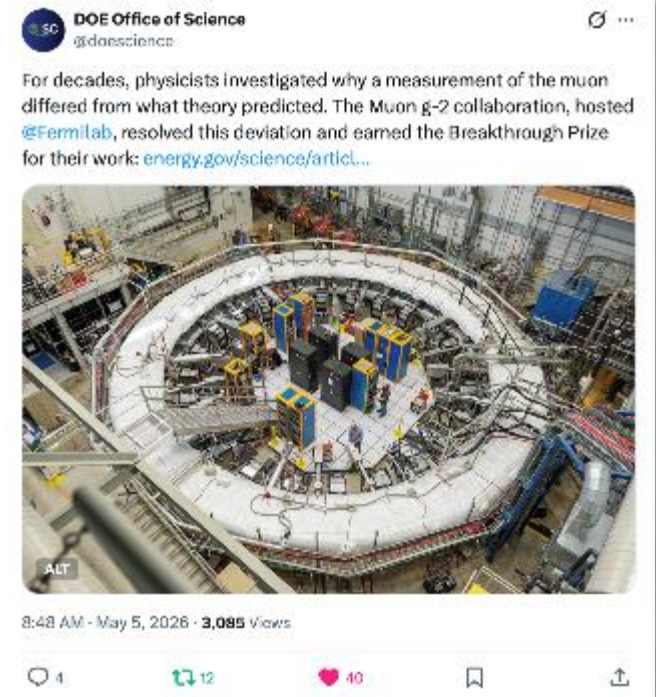


Muon g-2 wins Breakthrough Prize 2026



Muon g-2 Breakthrough Prize campaign

- Campaign with CERN and Brookhaven
 - Fermilab's campaign received over 484k impressions
 - Over 185k views on the award announcement post on Instagram with Fermilab, Brookhaven and CERN
 - YouTube video collaboration with CERN and Brookhaven Lab over 20k views
 - Instagram Reel and YouTube Short video received a combined 22k views



A milestone for science campaign

- Campaign received over 295k impressions
 - Darío Gil, Mark Thomson, Argonne and many more celebrated the event on social media


Darío Gil
@ScienceUnderSea

Ever wonder what @ENERGY is building deep beneath the Black Hills of South Dakota?

Last week, I traveled nearly a mile underground to mark a major milestone for @DUNEscience, one of the world's most ambitious scientific experiments.



11:01 AM · May 15, 2025 · 1,707 views


Mark Thomson · 2nd
Director-General of CERN
2w · Edited · 

DUNE cryostat installation

Last Thursday, I was delighted to join US Department of Energy officials, members of Congress, and others at the [Sanford Underground Research Facility](#) in South Dakota to mark a major milestone for the [Deep Underground Neutrino Experiment \(DUNE\)](#), in which [CERN](#) is playing a key role.

The event signalled the start of installation for DUNE's underground structure, which truly is massive. More than 5000 tonnes of steel will be lowered into an enormous cavern 1.5 km below SURF to build the structural elements of DUNE's detector modules, or cryostats. Once complete, two cryostats will each house 17,000 tonnes of liquid argon at a temperature of -200° , serving as target and tracker for neutrino interactions generated by a powerful neutrino beam sent from [Fermilab](#), 1300 km away.

The cryostats were provided by CERN, based on a novel technological solution

Argonne National Laboratory
133,459 followers
2w · 

Yesterday, Argonne Laboratory Director Paul Kearns joined international partners and scientific leaders, including U.S. Department of Energy (DOE) Under Secretary for Science Darío Gil to celebrate a major milestone for the [Deep Underground Neutrino Experiment \(DUNE\)](#), hosted by [Fermilab](#).

In Lead, South Dakota, attendees signed one of the first structural steel beams that will help form the framework for DUNE's far detector nearly a mile underground, marking the beginning of 10 million pounds of steel being lowered below the surface. These structures will support the massive cryostats used to hold liquid argon for neutrino detection.

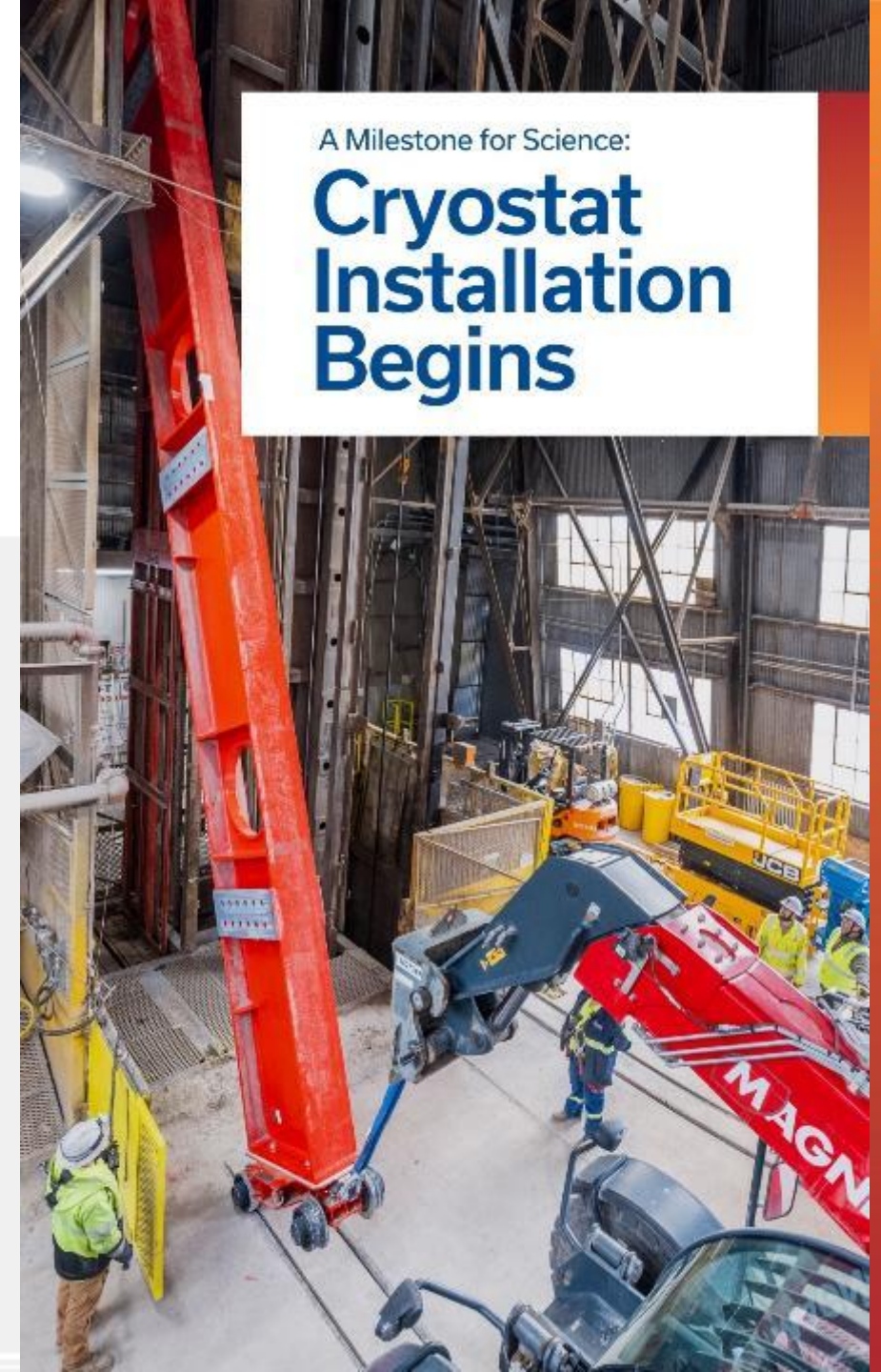
The steel, provided by CERN as an in-kind contribution, reflects the international collaboration driving one of the world's most ambitious experiments. More than 1,000 scientists and engineers from over 40 countries are participating. Argonne is proud to be part of the science renaissance of discovery.



A Milestone for Science:

Cryostat Installation Begins



Genesis Mission Advancing science through AI



Fermilab director posted first video reel on LinkedIn



Fermilab ✓
2w · 🌐

We're proud to be a part of the [#GenesisMission](#) as it will help reimagine the scientific process through AI to accelerate scientific discovery.

In coordination with the U.S. Department of Energy mission to advance the [#GenesisMission](#), Fermilab aims to transform discovery science by advancing quantum-computing paradigms, which will deepen our understanding of the laws of nature and the cosmos. From our world-class accelerator complex to the Deep Underground Neutrino Experiment to cutting-edge quantum devices and innovative microelectronics, Fermilab builds and operates some of the most complex scientific endeavors in the world.

Learn more at <https://lnkd.in/gXhkGAD2>

[#AI](#) [#Fermilab](#) [#physics](#)



Fermilab Director Norbert Holtkamp presented what makes the Genesis Mission so exciting and the role that Fermilab plays in driving it.





Collaborated with SLAC to celebrate milestone

- Short video collab with SLAC received over 13k views on Instagram and YouTube
- Posts coordinated with SLAC across all platforms received over 130k views




LCLS-II High Energy
Innovating for an
X-ray laser upgrade

Top posts by views



  **fermilab**
Sat 4/18/2026 6:07 pm CDT

Congratulations to the Muon g-2 collaborations! 🏆

...



Views 185,988

...  

  **fermilab**
Mon 4/20/2026 11:13 am CDT



And the award goes to the muon! 🏆

The 2026 Breakthrough Prize in Fundamental...




Views 170,342

...  



  **Fermi National Accelerator ...**
Tue 4/21/2026 1:05 pm CDT



Spring at Fermilab is officially here, and the cuteness level just skyrocketed!

...

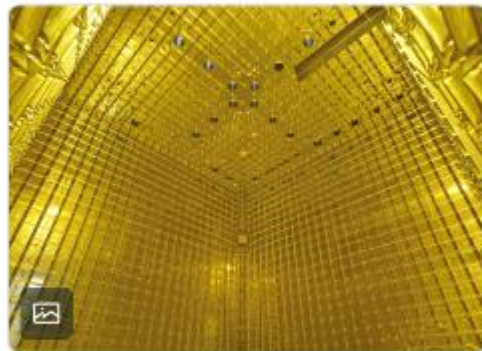


Views 117,293



...  

  **Fermi National Accelerator ...**
Tue 5/5/2026 2:01 pm CDT

Catching ghost particles isn't easy, that's why the Deep Underground Neutrino Experiment is building one of the most advanced neutrino...



Views 43,865

...  

Website updates



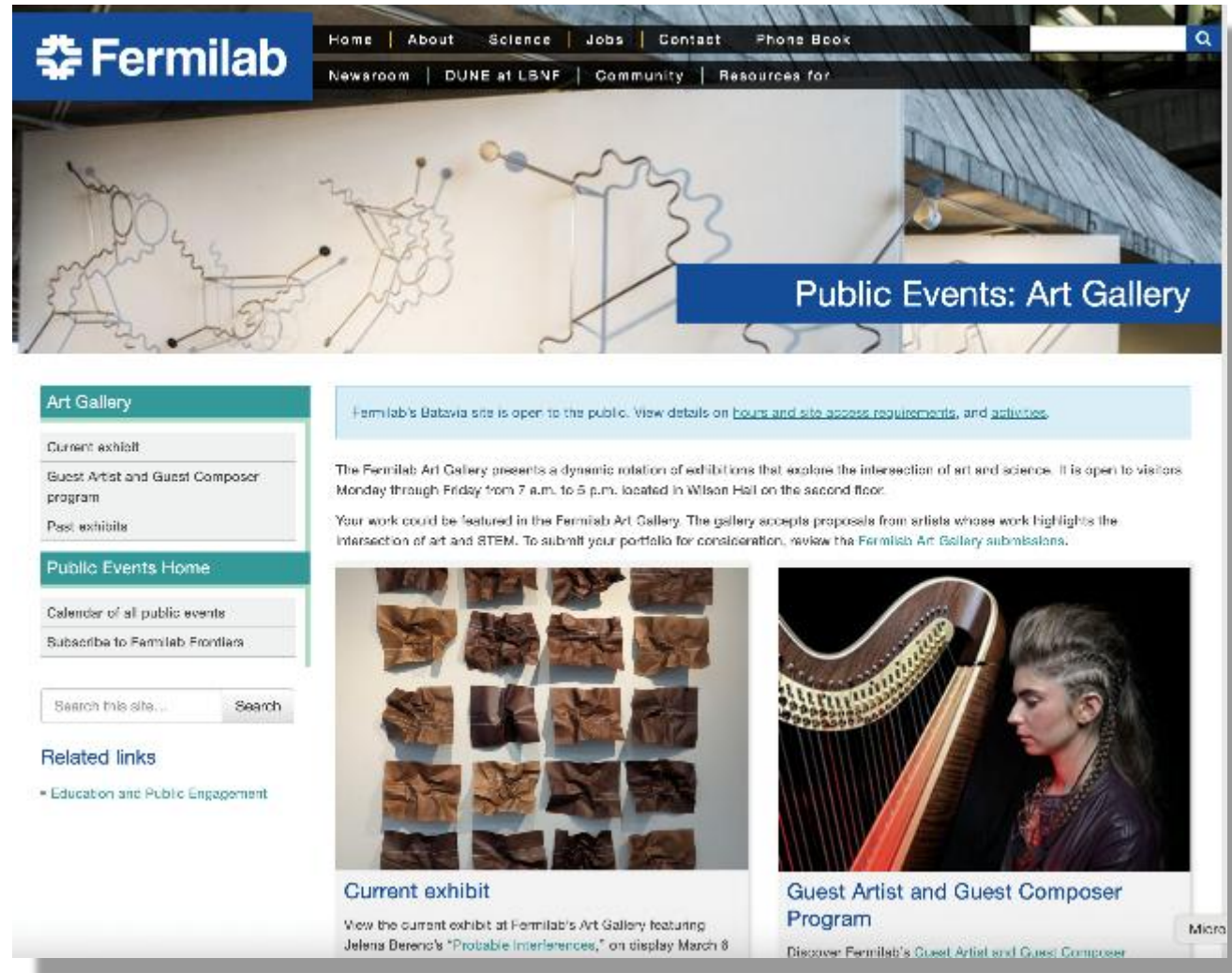
New websites

Fermilab home page



The new home page has an updated look and feel that highlights the laboratory's key priorities. The redesigned layout and design make it easier for visitors to explore the lab's scientific mission, plan a visit and stay informed about recent accomplishments and discoveries.

New websites Art Gallery



The [Art Gallery](#) page has been updated with the Current exhibit, the 2026 Guest Artist and Guest Composer Program, along with a call for community art submissions.

Fermilab in the news

Fermilab In the News – DUNE milestone event and collaboration meeting in May

physicsworld

PARTICLE AND NUCLEAR NEWS
Officials hail 'major milestone' for US Deep Underground Neutrino Experiment
26 May 2025 Victoria Banks



Leading underground: Some 4.5 million kilograms of steel beams are set to be moved underground that will be used to build neutrino detectors in a mine (Courtesy: Matthew Kapust, SURF)



First steel beams for DUNE start to be lowered underground

CERN Director-General Mark Thomson met with dignitaries and officials at SURF on 7 May to mark a milestone for the international DUNE experiment



May 8, 2025 Science and Technology Canada

A massive neutrino experiment is taking shape in an abandoned gold mine

The Deep Underground Neutrino Experiment will study nature's most mysterious particle a mile beneath South Dakota's Black Hills and will potentially reveal the origins of matter

By Science and Technology Canada



One of two massive caverns built beneath the south of Lead, S.D. The caverns are being converted into neutrino detectors by Fermilab and SURF.



PHOTOGRAPH

Making a mark on history

Hundreds attend Fermilab beam signing event in Lead

By [Name] and [Name] on May 8, 2025





Fermilab In the News – DUNE



Talk at South Dakota Mines explains how neutrinos are like ice cream



Scientists from around the world gather in Black Hills to plan next phase of neutrino experiment



South Dakota neutrino project at SURF named 2026 Underground Project of the Year



Nearly 1,600 meters below the surface of South Dakota, workers removed 800,000 tons of rock and built two giant caverns without a single serious accident — inside them, scientists will install the world's largest underground cryogenic detector.



Fermilab In the News – The Breakthrough Prize



LATEST NEWS

\$18.75 million in prizes spotlight transformative science at 2026 Breakthrough Prize ceremony



"Do We Understand All Of Nature's Basic Ingredients?" Muon Experiment Wins Breakthrough Prize For Efforts To Advance The Standard Model Of Particle Physics

Collaboration that made precise measurement of the $g-2$ value honored with \$3 million from the Breakthrough Prize in Fundamental Physics



Hollywood, Silicon Valley turn out for the 'Oscars of Science'

by Paula RAMON

edited by Andrew Zinn

The GIST

Editor's notes

Add as preferred source

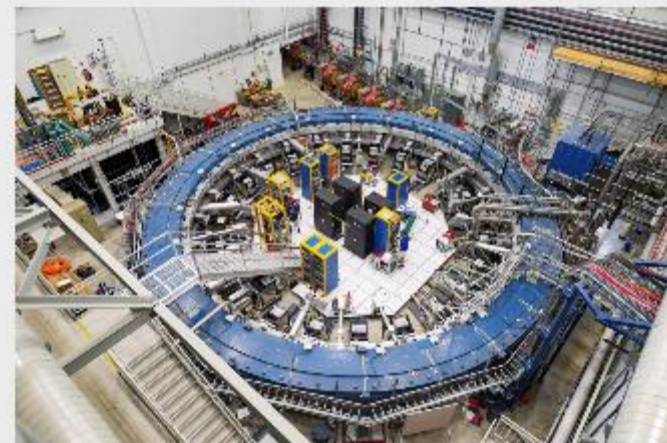


PHYSICS | NEWS | GALLERY

Magnetic muon measurements and gene-therapy advances win \$3 million Breakthrough prizes

This year's winners include hundreds of physicists across more than 20 institutions

by JOHN HANCOCK



The Muon g-2 experiment at Fermilab. Photo credit: Fermilab. Photo credit: Fermilab. Photo credit: Fermilab.





Fermilab In the News – Emerging Technologies

Mu2e: Fermilab and Argonne collaboration

INTERESTING ENGINEERING

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US lab's 60-ton 'giant cage' detector filters 'fake' cosmic noise with 99.99% accuracy

Constant cosmic ray bombardment creates "fake" signals that mimic the rare muon-to-electron transition.

By Aman Tripathi

Science Apr 08, 2026 11:19 AM EST

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The research team with the fully installed CRV detector in the Mu2e building at Fermilab.

Argonne National Laboratory

N OFFICE FOR RESEARCH

INSTITUTE FOR QUANTUM INFORMATION RESEARCH AND ENGINEERING

Northwestern and Fermilab Quantum Data Helps Build a New AI Benchmark for Quantum Calibration with NVIDIA Ising Open Models

Transforming water treatment: Fermilab's innovative electron-beam technology takes on PFAS pollution

Newsweek | 1st April 2026

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