

January 22, 2026

News from Fermilab

Office of Communication
Community Advisory Board

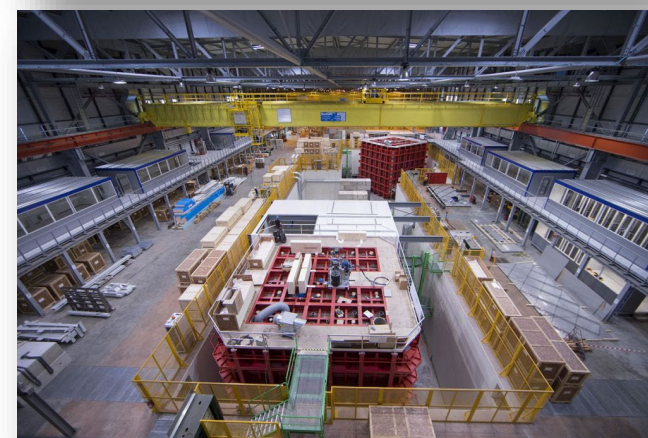


U.S. DEPARTMENT
of **ENERGY**

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

From the newsroom – features

- Meet the winners of the 2025 Universities Research Association award - 2,700 views
- Fermilab's accomplishments highlight discovery and innovation in 2025 - 618 views
- Fermilab completes laser lab construction for world's largest vertical atom interferometer - 615 views
- SQMS Center team from Fermilab and NYU Langone advance in NIH Quantum Computing Challenge - 483 views
- Containing thousands of tons of liquid argon for DUNE requires multi-layered approach - 393 views in one week
- Fermilab researchers supercharge neural networks, boosting potential of AI to revolutionize particle physics - 369 views in one week
- Fermilab celebrates new era of quantum innovation with 'Exploring the Quantum Universe' - 166 views



From the newsroom – press releases

7 new press releases

[Norbert Holtkamp appointed director of Fermi National Accelerator Laboratory](#)

1,200 views

[DOE recommits \\$8 million to Fermilab workforce development program for US veterans](#)

343 views

[Fermilab teams up with Proficio to develop water treatment system targeting PFAS](#)

189 views

[Fermilab dedicates new state-of-the-art building honoring scientist Helen Edwards](#)

78 views



From the newsroom

[MicroBooNE finds no evidence for a sterile neutrino](#)

281 views

[Fermilab's SQMS Center funded with \\$125 million to shape the future of quantum information science](#)

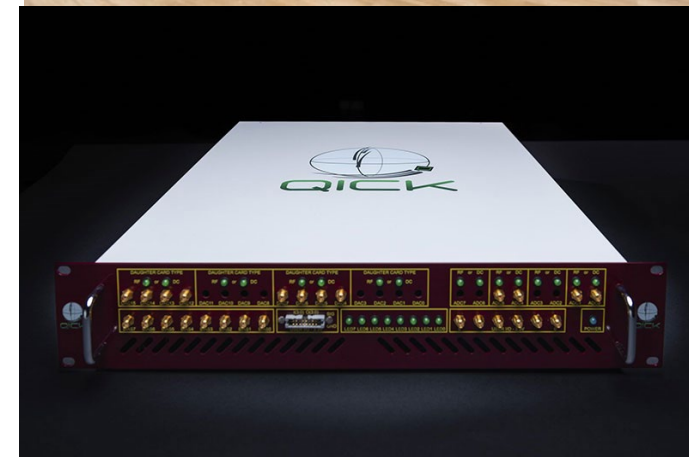
191 views

[US Department of Energy launches 'Genesis Mission' to transform American science and innovation through the AI computing revolution](#)

296 views

[Energy Department announces partnership with Fermilab and Qblox to manufacture foundational quantum control platform for U.S. research and innovation](#)

138 views





Videos

New videos



2025 Fermilab Highlights in 2025
6,500 views



ICARUS: The search for new physics
19,000 views



Social media

Exploring the Quantum Universe

- Fermilab and SQMS hosted the Exploring the Quantum Universe symposium.
- Over 150k impressions

 **Fermi National Accelerator Laboratory**
Published by Sprout Social · December 1, 2025 ·

Join us for a special public lecture by Dr. Dario Gil, Under Secretary for Science at the [U.S. Department of Energy](#), at Exploring the Quantum Universe! Learn how breakthroughs in quantum information science and AI are redefining what's possible in research and technology.

📅: Thursday, Dec. 4 at 7 p.m. CT
🔗 Register to attend at <https://indico.fnal.gov/event/72013/>
SQMS Center




Exploring the Quantum Universe
Quantum and AI: The Frontiers of Innovation
PUBLIC LECTURE
Dec. 4, 2025
7 p.m. to 8:15 p.m.
Ramsey Auditorium


Dr. Dario Gil
Under Secretary for Science
U.S. Department of Energy

 **Fermilab**


 **Fermilab**
103,679 followers
1mo ·

Exploring the Quantum Universe has kicked off at Fermilab! 🌟 This two-day event celebrates the International Year of Quantum Science and Technology by bringing together leading scientific experts, students and institutional leaders! [SQMS Center](#) [#IYQ2025](#) [#quantum](#)



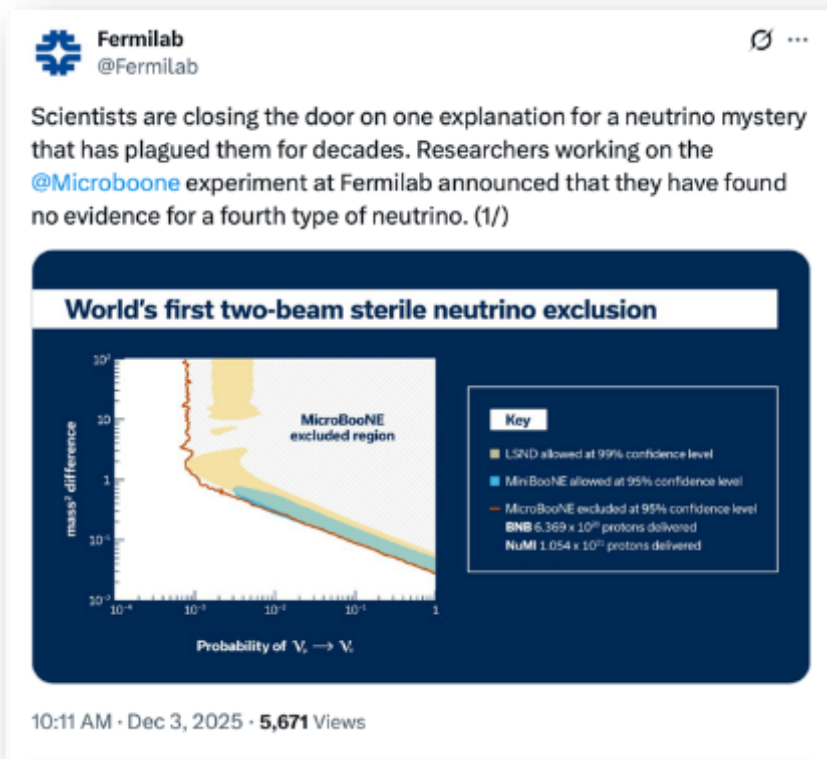
 Anna Grassellino and 356 oth

4 comments · 26 reposts



MicroBooNE results

- New results announcement received over 100k views across all platforms
- Reel/short published about MicroBooNE to compliment the result has over 20k views on YouTube and Instagram



MicroBooNE
Studying the
elusive neutrino

7,621

Top posts by views

 Fermi National Accelerator Laboratory
Tue 11/25/2025 2:28 pm CST

#ICYMI: Elena Pinetti, a postdoctoral researcher at Fermilab, has been awarded the American Physical Society's 2026...



Views 158,643

...  



 Fermi National Accelerator Laboratory
Sun 11/23/2025 8:40 am CST

Fermilab is researching how to create even better neutrino detectors! The ArCS cryostat incorporates a magnetic field into...




Views 73,819



...  

 Fermi National Accelerator Laboratory
Mon 12/15/2025 11:59 am CST

We're excited to share that the next director of Fermilab will be physicist Norbert Holtkamp!...



Views 55,835

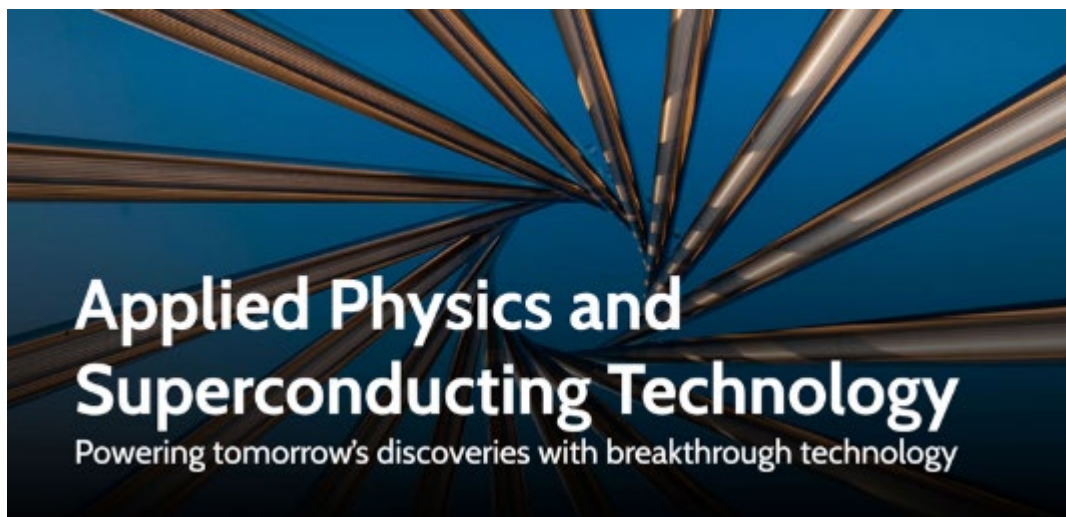
...  

A grayscale photograph of the interior of a large circular particle accelerator tunnel. The tunnel is filled with complex machinery, including numerous cables, pipes, and structural supports. The perspective is from the center of the tunnel, looking towards the far end, creating a strong sense of depth and symmetry. The lighting is somewhat dim, highlighting the metallic surfaces and the intricate layout of the equipment.

Website updates

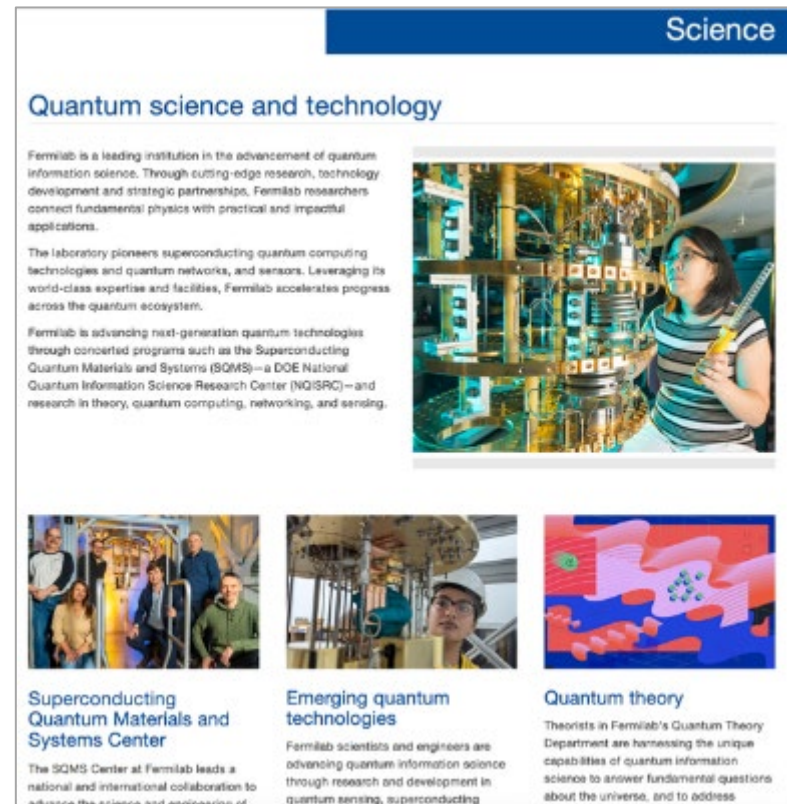
New websites

Applied Physics and Superconducting Technology



Highlights the lab's cutting-edge research and development in superconducting magnets, SRF technology, cryogenics, and advanced accelerator and detector systems.

Quantum Science and Technology



One site dedicated to all quantum-related activities at the lab: SQMS Center, Emerging Technology/Quantum and Theory.

New websites

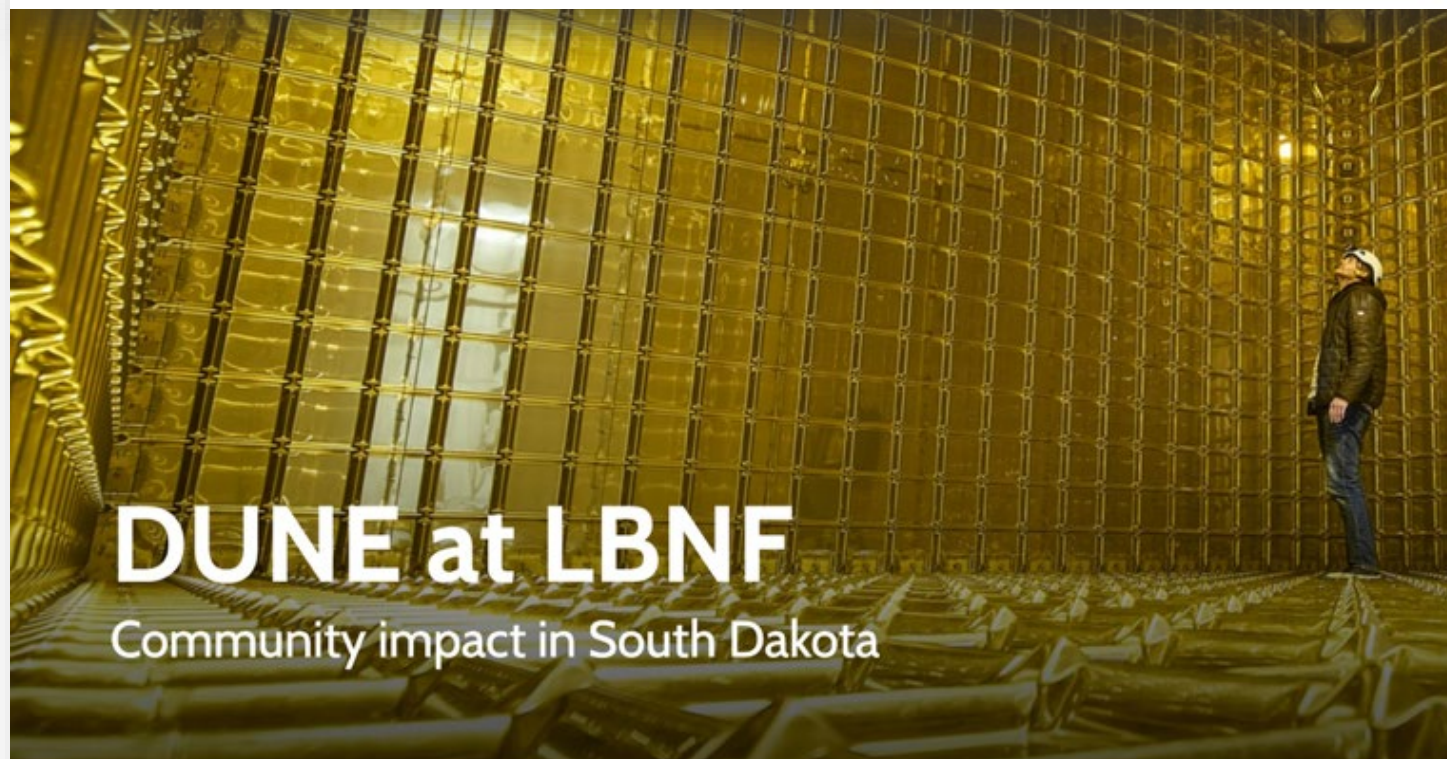
Core Values

A compass for our daily work

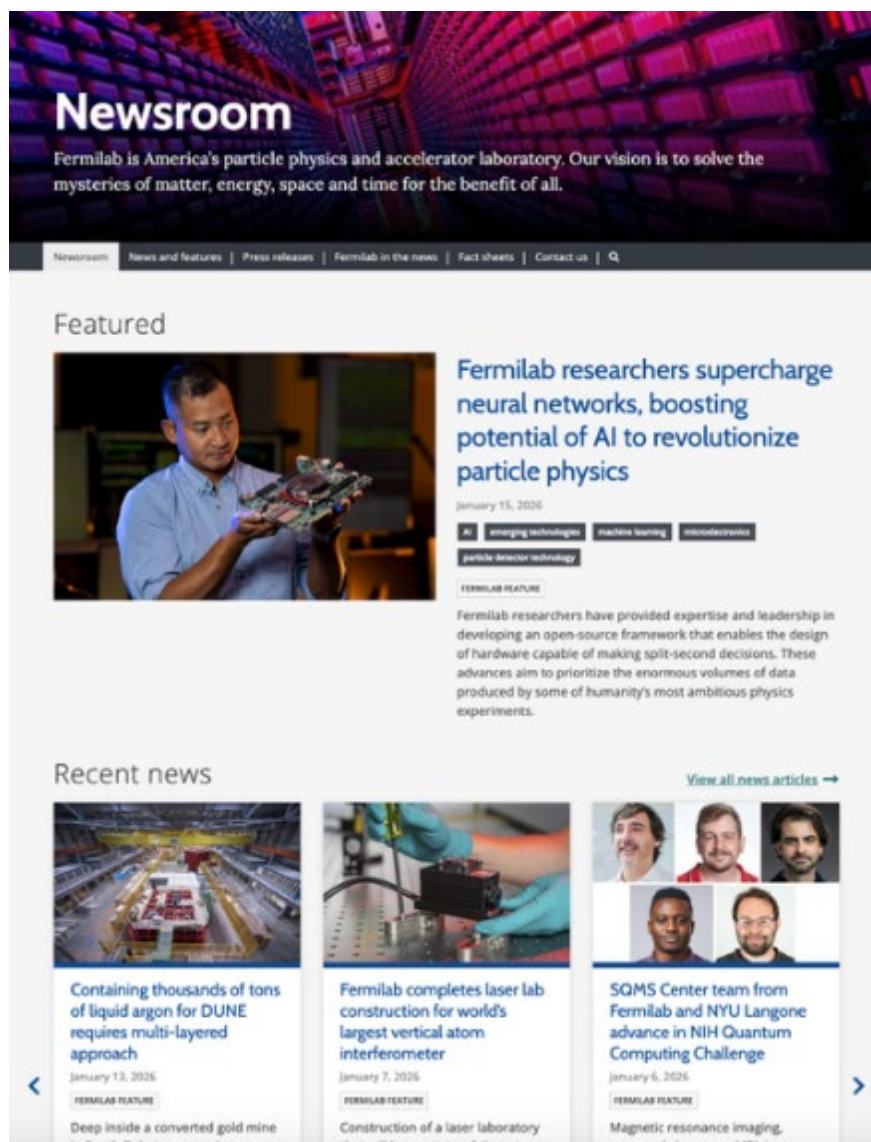
At Fermi National Accelerator Laboratory, we push the frontiers of particle physics to unlock the mysteries of matter, energy, space and time. Grounded in our core values, we advance **science** that shapes the future.

As we pursue scientific excellence and explore bold new directions in research and technology, these values guide us in creating a safe, inclusive and collaborative environment where employees, users, affiliates and partners can thrive.

By fostering excellence, working in collaboration, driving ingenuity, upholding trust, and demonstrating integrity in all that we do, we ensure Fermilab continues to lead the way in discovery and innovation.



Updated websites



New layout that highlights trending topics, news and science results.



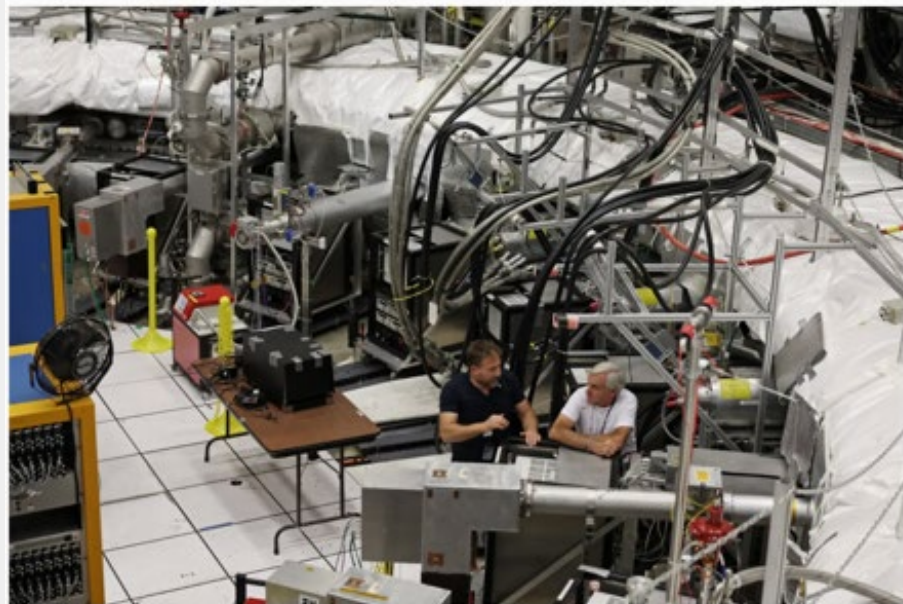
Fermilab In the News

New director in the news

Chicago Tribune

THE
Beacon-News

Norbert Holtkamp to serve as new director of Fermilab in Batavia starting in January



John J. Kim/Chicago Tribune
Researchers have a discussion while performing tasks at the Muon g-2 superconducting ring magnet at Fermilab in Batavia in 2023. On Monday, Dec. 15, 2025, it

RECOMMENDED FOR YOU

- 1 Why is salad titan Sweetgreen wilting?
- 2 Actress Taraji P. Henson, who starred in 'Empire,' sells condo in Streeterville high-rise for \$1.7M
- 3 They voted for Trump. But one year into his second term, they have grave concerns. 'Just wrong.'
- 4 Today in Chicago History: Minus 27 degrees — the city's all-time low temperature
- 5 Nearly 50 restaurants to take part in this year's Naperville Restaurant Week
- 6 Critics warn rail merger would give Union Pacific unprecedented role in Chicago and more control of industry
- 7 ComEd submits new \$15.3B, four-year grid plan to the state to meet increased electric demand
- 8 Fox Valley library district planning lots of events for its 150th birthday

Elisabeth Kruse, 80s

physicsworld

Topics Latest content Mag



PEOPLE | NEWS

Physicist Norbert Holtkamp takes over as head of Fermilab

20 Jan 2026 Michael Berks



Particle pioneer: One of Holtkamp's main aims will be to oversee the completion of the \$1.5bn Long-Baseline Neutrino Facility-Deep Underground Neutrino Experiment (courtesy: JJ Stort, Fermilab)

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SCIENCE & NATURE

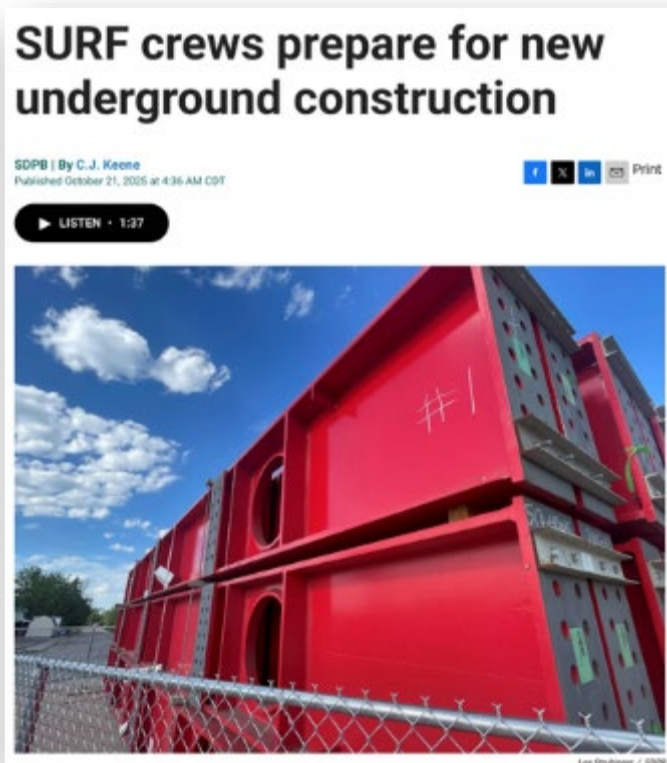
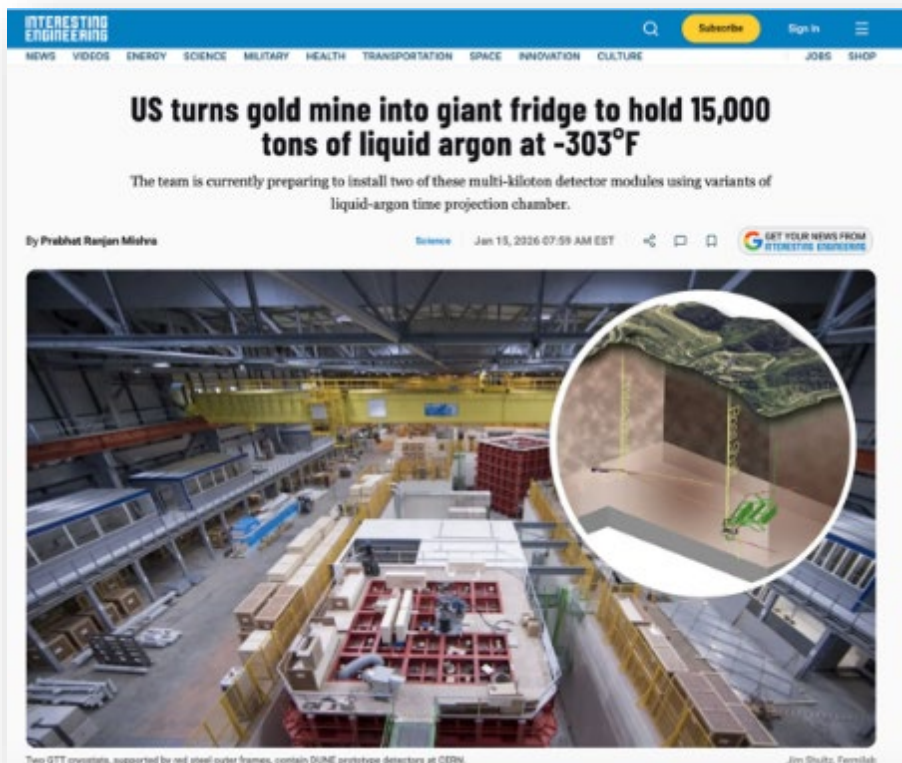
Fermilab Announces New Director of National Accelerator Laboratory

Jared Rutecki | December 15, 2025, 11:49 am



Norbert Holtkamp has been named the new director of Fermilab National Accelerator Laboratory. (Courtesy of University of Chicago)

DUNE in the news




Science news


Early Morning Coffee at CERN

A Final Moment for the Muon

Episode 7, Nov 15, 2025, 4:41 AM

0:00 35:10 1x



 **A Final Moment for the Muon**

December 3, 2025 | 2 min read | [Add Us On Google](#)

Scientists Just Tore Up a Major Particle Physics Theory

New results from the MicroBooNE experiment at Fermilab found no evidence of a hypothetical fourth flavor of neutrino

BY CLAIRE CAMERON | EDITED BY CLARA MOSKOWITZ



US scientists complete laser lab for world's largest vertical atom interferometer

MAGIS-100 will use ultra-cold strontium atoms and precision lasers to search for ultralight dark matter.

By Chris Young | [Space](#) | Jan 08, 2026 08:05 AM EST

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Emerging Technologies



DOE, Fermilab, Qblox to scale QICK quantum control hardware

Partnership expands access to the open-source platform and aims to support U.S. quantum talent and supply chain

November 28, 2025 By Berenice Baker, SDxCentral Have your say

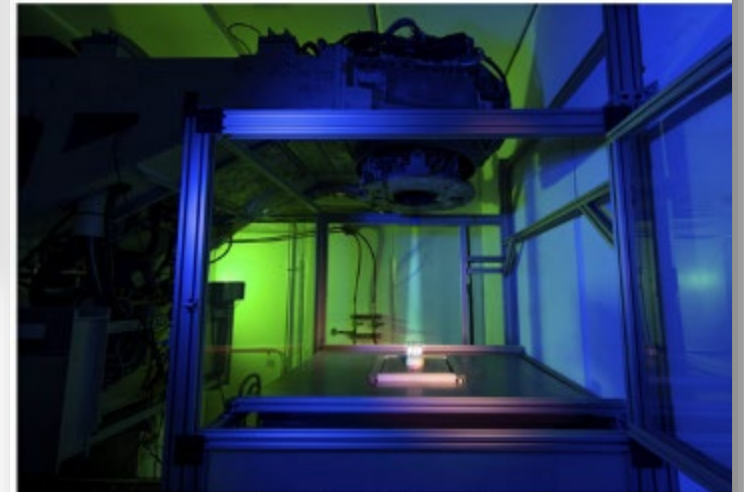


— Ryan Postel/Fermilab

The US Department of Energy (DOE) has launched a partnership between Fermilab and Qblox to manufacture and distribute the Quantum Instrumentation Control Kit (QICK).

Fermilab and Proficio launch water treatment system to combat PFAS

Environment | 10th December 2025



PFAS-contaminated water has been successfully treated using Fermilab's Accelerator Applications Development and Demonstration accelerator, or A2D2, pictured above. Photo: Ryan Postel, Fermilab

Quantum in the news

CRAIN'S CHICAGO BUSINESS

A CRAIN FAMILY BRAND

Technology

Energy Department renews quantum funding for Argonne, Fermi

By John Pritz

[Get Article](#) [Print](#) [Share](#)



Credit: U.S. Department of Energy

Fermilab

Most Popular

- 1 Johnson eyes taking back Chicago's parking meters — at a steep price
- 2 Carmi'd plans to invest \$15.3 billion in grid upgrades

SCIENTIFIC COMPUTING WORLD

Connecting qubits to photons: The future of quantum computing with Dr Silvia Zorzetti



Dr Silvia Zorzetti

Credit: SQMS Center/Fermilab



UChicago News

Quantum research centers led by Argonne and Fermilab renewed for five years

UChicago-affiliated laboratories each receive \$125 million to advance next-generation quantum science and technology



Local Partnerships

Chicago Tribune

AURORA BEACON-NEWS

US Department of Energy to give Fermilab \$8 million for job program for veterans



RECOMMENDED FOR YOU

- 1 Actress Taraji P. Henson, who starred in 'Empire,' sells cond Streeterville high-rise for \$1.3
- 2 They voted for Trump. But on year into his second term, the have grave concerns. 'Just wrong.'
- 3 Chicago Cubs' Pete Crow-Armstrong marvels at Bears' Caleb Williams — and Justin Steele eyes his return
- 4 Students train to be election judges at Oak Forest High Sch
- 5 Restaurant news: Cleo's opens Lakeview with Southern cuis on the North Side of Chicago
- 6 Why is salad titan Sweetgreen willing?
- 7 Critics warn rail merger would give Union Pacific unprecedented role in Chicago and more control of industry
- 8 ComEd submits new \$15.3B, 6-year grid plan to the state to meet increased electric dema
- 9 Wall Street sinks as Trump threatens to European countri with tariff, even Green bond



Northern Illinois University

NIU joins national quantum research effort led by Fermilab



UChicago News

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Quantum research centers led by Argonne and Fermilab renewed for five years

UChicago-affiliated laboratories each receive \$125 million to advance next-generation quantum science and technology



The U.S. Department of Energy has renewed two quantum centers, Q-NEXT and SQMS, for five years. Above, two researchers work at one of the quantum devices in the Q-NEXT facility. Credit: Argonne National Laboratory.

Nov 6, 2025



Fermi**FORWARD**



U.S. DEPARTMENT
of ENERGY