

January 22, 2026

News from Fermilab

Office of Communication
Community Advisory Board



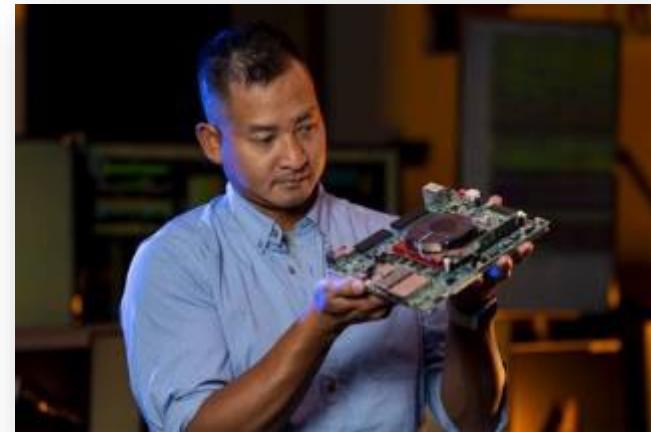
U.S. DEPARTMENT
of ENERGY

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](#)

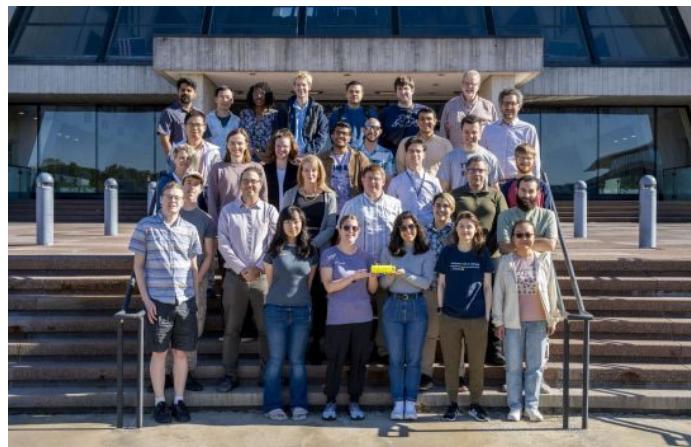
191 views

[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



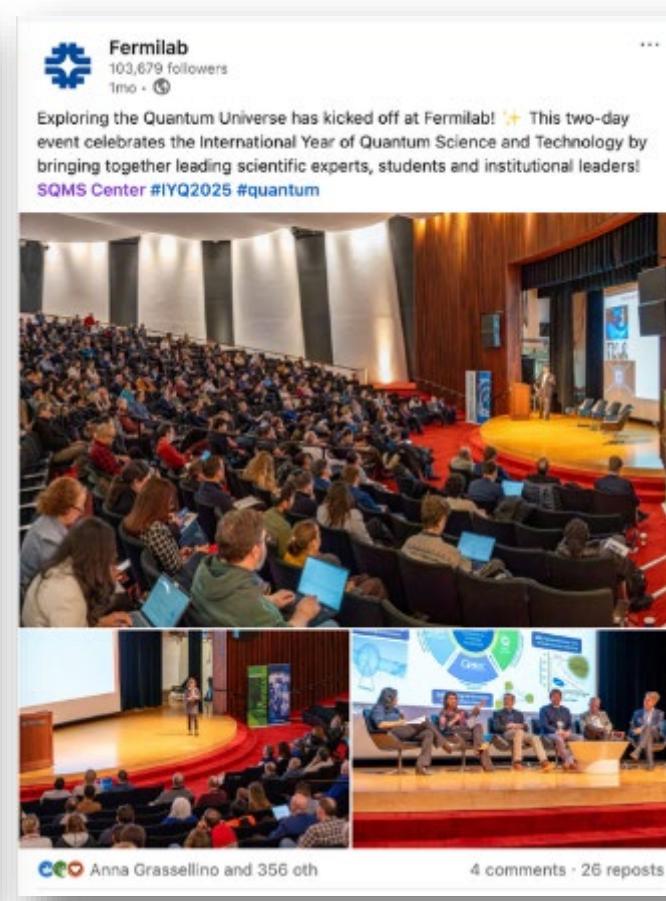
ICARUS: The search for new physics

19,000 views

Social media

Exploring the Quantum Universe

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



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

Fermilab
@Fermilab

Scientists are closing the door on one explanation for a neutrino mystery that has plagued them for decades. Researchers working on the [@Microboone](#) experiment at Fermilab announced that they have found no evidence for a fourth type of neutrino. (1/)

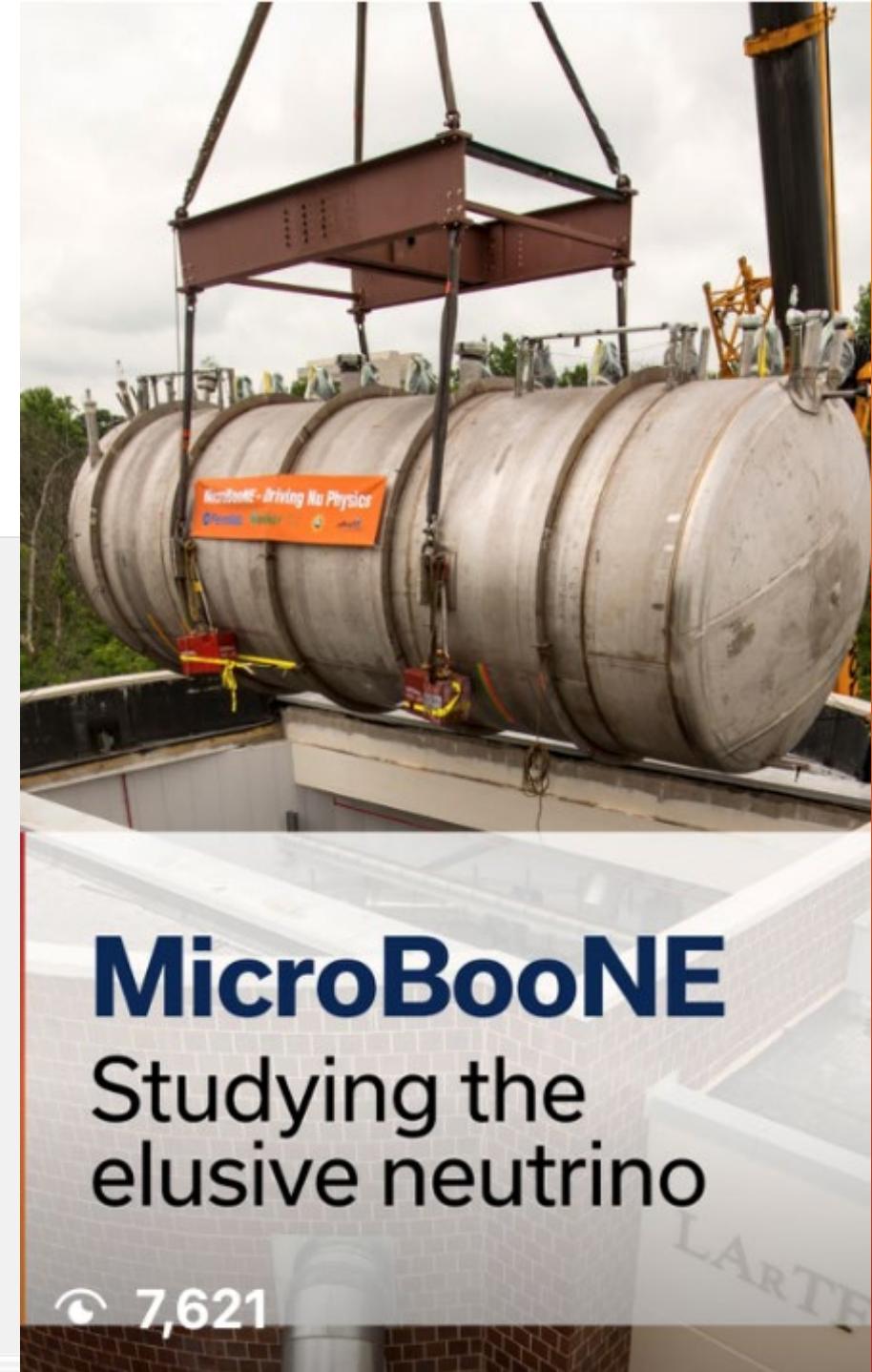
World's first two-beam sterile neutrino exclusion

Key

- LSND allowed at 99% confidence level
- Mini-BooNE allowed at 95% confidence level
- MicroBooNE excluded at 95% confidence level

BNB 6.369×10^{20} protons delivered
NuMI 1.054×10^{21} protons delivered

10:11 AM · Dec 3, 2025 · 5,671 Views





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...



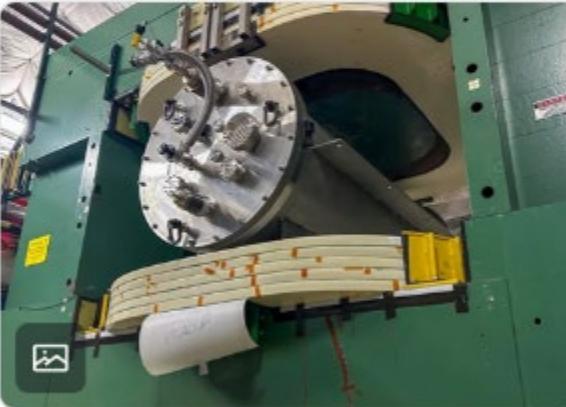
 Views 158,643

...

  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!...

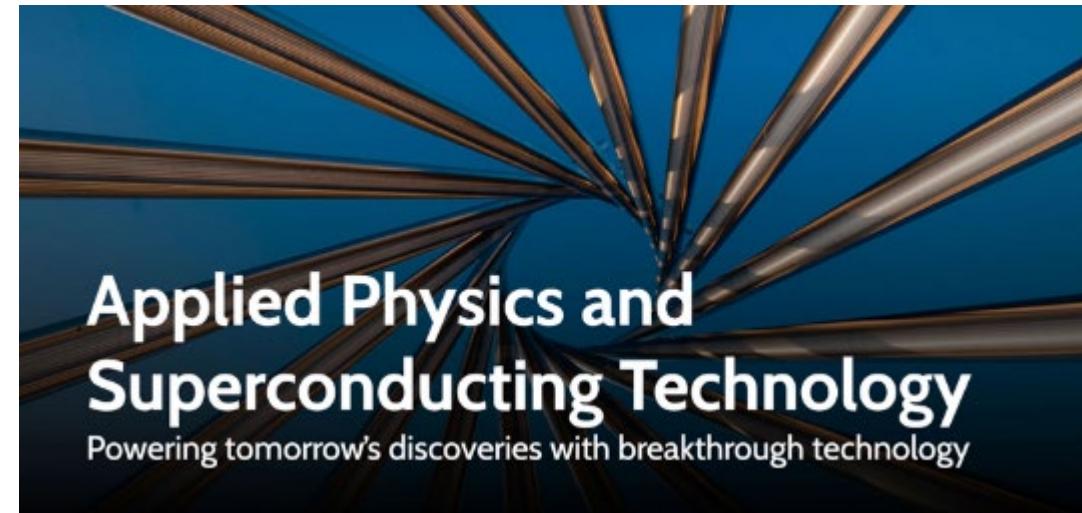


 Views 55,835

...

Website updates



Applied Physics and Superconducting Technology

Powering tomorrow's discoveries with breakthrough 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

Science

Quantum science and technology

Fermilab is a leading institution in the advancement of quantum information science. Through cutting-edge research, technology development and strategic partnerships, Fermilab researchers connect fundamental physics with practical and impactful applications.

The laboratory pioneers superconducting quantum computing technologies and quantum networks, and sensors. Leveraging its world-class expertise and facilities, Fermilab accelerates progress across the quantum ecosystem.

Fermilab is advancing next-generation quantum technologies through concerted programs such as the Superconducting Quantum Materials and Systems (SQMS)—a DOE National Quantum Information Science Research Center (NQISRC)—and research in theory, quantum computing, networking, and sensing.



Superconducting Quantum Materials and Systems Center
The SQMS Center at Fermilab leads a national and international collaboration to advance the science and engineering of

Emerging quantum technologies
Fermilab scientists and engineers are advancing quantum information science through research and development in quantum sensing, superconducting

Quantum theory
Theorists in Fermilab's Quantum Theory Department are harnessing the unique capabilities of quantum information science to answer fundamental questions about the universe, and to address

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.

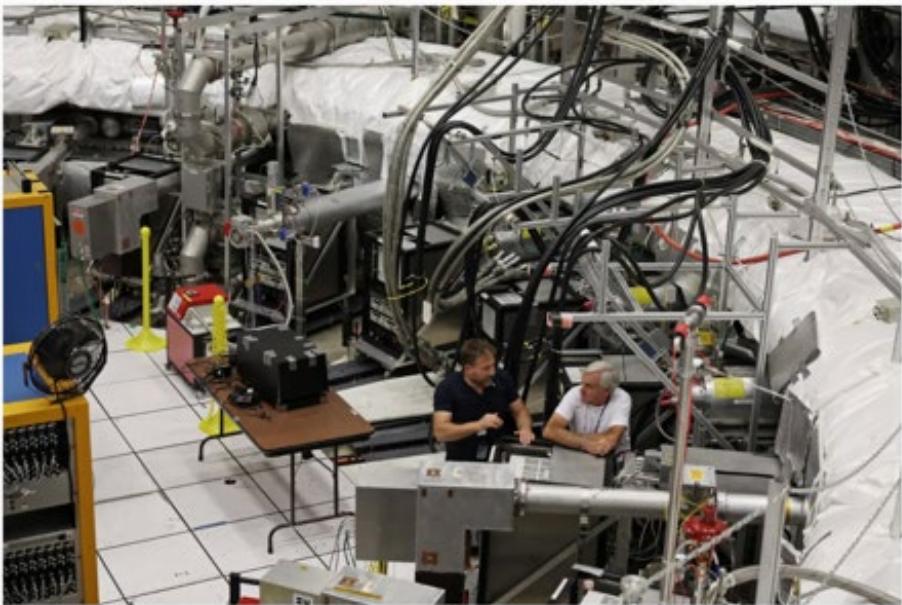
Fermilab In the News

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, if

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 unprecedent 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

Chicago Tribune column: Jason S.

physicsworld

Topics ▾ Latest content ▾ Mag

PEOPLE | NEWS

Physicist Norbert Holtkamp takes over as head of Fermilab
20 Jan 2026 Michael Banks



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: J. Sian, Fermilab)

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NEWS

MAIN WATCH STORY ARCHIVE Q

Politics Investigations WTTW News Explains Arts & Entertainment Business Crime & Law Education Health Politics Science

SCIENCE & NATURE

Fermilab Announces New Director of National Accelerator Laboratory

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



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

DUNE in the news

INTERESTING ENGINEERING
NEWS VIDEOS ENERGY SCIENCE MILITARY HEALTH TRANSPORTATION SPACE INNOVATION CULTURE

US turns gold mine into giant fridge to hold 15,000 tons of liquid argon at -303°F

The team is currently preparing to install two of these multi-kiloton detector modules using variants of liquid-argon time projection chamber.

By Prabhat Ranjan Mishra Science Jan 15, 2026 07:59 AM EST

GET YOUR NEWS FROM INTERESTING ENGINEERING



Two G7T crystals, supported by red steel outer frames, contain DUNE prototype detectors at CERN.
Jim Shultz, Fermilab

SURF crews prepare for new underground construction

SDPB | By C.J. Keene
Published October 21, 2025 at 4:36 AM CDT

Print



Black Hills Pioneer
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DUNE experiment projected to have \$5.56B total economic output

By Wendy Pflick Black Hills Pioneer Dec 31, 2025 00:00

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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



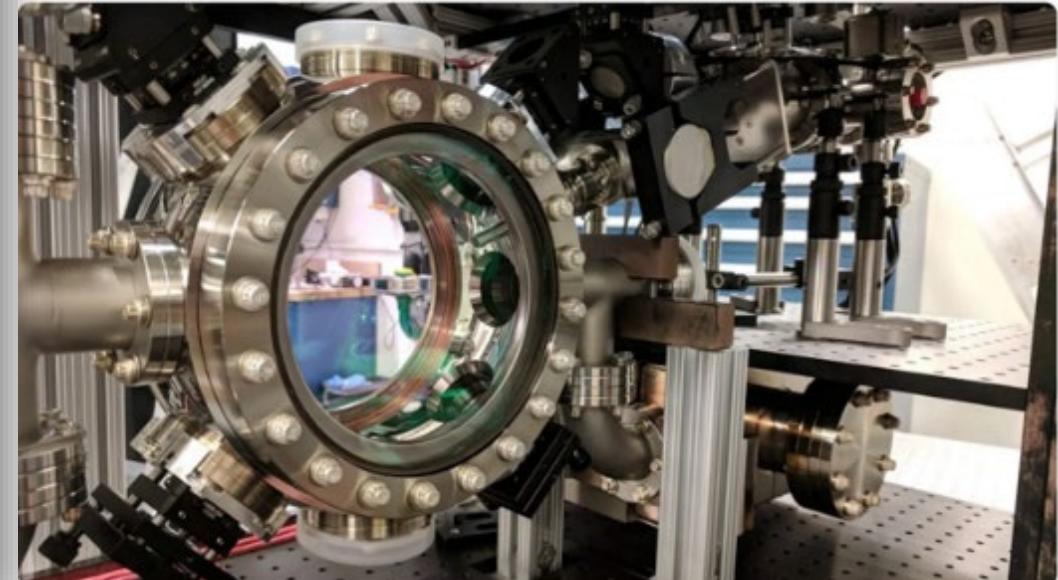
US scientists complete laser lab for world's largest vertical atom interferometer

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

 GET YOUR NEWS FROM
INTERESTING ENGINEERING



Emerging Technologies



ExecutiveGov

DOE's Fermilab, Qblox to Produce Quantum Control Platform

"Seal of the United States Department of Energy (shaded)", by the U.S. Government, Licensed under Public Domain

FEDERAL CIVILIAN / GOVERNMENT TECHNOLOGY / NEWS

DOE's Fermilab, Qblox to Produce Quantum Control Platform



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



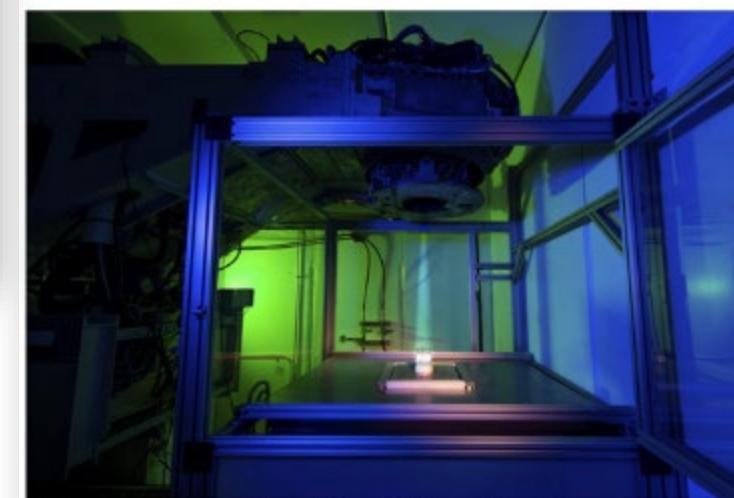
Ryan Postel/Fermilab

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 ADD2, 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 Plaza



Credit: U.S. Department of Energy

Fermilab

Most Popular

- 1 Johnson eyes taking back Chicago's parking meters — at a steep price
- 2 ComEd 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 Centro/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 out Streeterville high-rise for \$1.3 million
- 2 They voted for Trump. But one year into his second term, the have grave concerns. 'Just wrong.'
- 3 Chicago Cubs' Pete Alonso, Aarons marvel at Bears' Caleb Williams — and Justin Steele eyes his return
- 4 Students train to be election judges at Oak Forest High School
- 5 Restaurant news: Cleo's opens Lakeside with Southern cuisine on the North Side of Chicago
- 6 Why is salad titan Sweetgreen wilting?
- 7 Critics warn rail merger would give Union Pacific unprecedented role in Chicago and more control of industry
- 8 ComEd submits new \$15.3B, 10-year grid plan to the state to meet increased electric demand
- 9 Wall Street sinks as Trump threatens to European countries



Northern Illinois University

NIU joins national quantum research effort led by Fermilab



UChicago News

HOME LATEST NEWS EXPLAINERS PODCASTS SERIES FOR JOURNALISTS

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:

Nov 6, 2025



Fermi**FORW**ARD



U.S. DEPARTMENT
of ENERGY