

Date: 11 Feb 2026

"On this International Day of Women and Girls in Science, UNESCO reaffirms that scientific progress can only meet the challenges of our time if it is shared, inclusive and driven by all." -Khaled El-Enany, Director-General of UNESCO

11 February - International Day of Women and Girls in Science

<https://www.unesco.org/en/days/women-girls-science>

FYI - Fusion News/Alerts

Shielding Mortar - High hydrogen + low density = top protection

<https://www.iter.org/node/20687/high-hydrogen-low-density-top-protection>

[Latest ITER Newline: <https://www.iter.org/whatsnew/487>]

F4E and Gauss Fusion sign collaboration agreement

<https://fusionforenergy.europa.eu/news/f4e-and-gauss-fusion-sign-collaboration-agreement/>

LLNL offers tools to model the economics of inertial fusion power plants

<https://www.ans.org/news/article-7735/llnl-offers-tools-to-model-the-economics-of-inertial-fusion-power-plants/>

ORNL and Kyoto Fusioneering partner to build critical fusion infrastructure

<https://www.eurekalert.org/news-releases/1114611>

TVA advances fusion project

<https://www.neimagazine.com/news/tva-advances-fusion-project/>

UCLA Samueli Part of University of California's \$8 Million Fusion Energy Initiative

<https://samueli.ucla.edu/ucla-samueli-part-of-university-of-californias-8-million-fusion-energy-initiative/>

From the Manhattan Project to Fusion: The History of DOE's National Labs

<https://www.powermag.com/from-the-manhattan-project-to-fusion-the-history-of-does-national-labs/>

Fusion simplification demonstrated by Pacific Fusion and Sandia

<https://www.ans.org/news/article-7739/fusion-simplification-demonstrated-by-pacific-fusion-and-sandia/>

Growth beyond megawatts

<https://www.ans.org/news/article-7701/growth-beyond-megawatts/>

The POWER Interview: Thea Energy's Fusion Architecture

<https://www.powermag.com/the-power-interview-thea-energys-fusion-architecture/>

Avalanche Energy Raises \$29 Million to Develop Desk-sized Fusion Energy Devices

<https://www.esgtoday.com/avalanche-energy-raises-29-million-to-develop-desk-sized-fusion-energy-devices/>

When Lasers Cross: LLNL Finds a Brighter Way to Measure Plasma

<https://lasers.llnl.gov/news/when-lasers-cross-llnl-finds-brighter-way-measure-plasma>

Oak Ridge completes demolition of Alpha-2 enrichment facility

<https://www.ans.org/news/article-7719/oak-ridge-completes-demolition-of-alpha2-enrichment-facility/>

Harnessing sulfur hexafluoride for clearer and more efficient plasma etching

<https://www.aip.org/scilights/harnessing-sulfur-hexafluoride-for-clearer-and-more-efficient-plasma-etching>

Extreme plasma acceleration in monster shocks offers new explanation for fast radio bursts

<https://phys.org/news/2026-02-extreme-plasma-monster-explanation-fast.html>

Particle-in-cell study of electron beam propagation through ionospheric plasma

<https://www.eurekalert.org/news-releases/1115753>

Lab Physicist Wins Sylvie Jacquemot Early Career Prize

<https://lasers.llnl.gov/news/lab-physicist-wins-sylvie-jacquemot-early-career-prize>

NWF targets CCS and hydrogen in ‘cleaner, greener’ investment plan

<https://www.thechemicalengineer.com/news/nwf-targets-ccs-and-hydrogen-in-cleaner-greener-investment-plan/>

Copenhagen Atomics reaches pump testing milestone

<https://world-nuclear-news.org/articles/copenhagen-atomics-reaches-pump-testing-milestone>

Extraterrestrial strategy: How the US could achieve energy dominance in space

<https://inl.gov/feature-story/extraterrestrial-strategy-how-the-us-could-achieve-energy-dominance-in-space/>

[Of Interest]

IEA report describes nuclear growth and need for grid flexibility

<https://www.ans.org/news/article-7744/iea-report-describes-nuclear-growth-and-need-for-grid-flexibility/>

Podcast: What should be the target time to build a nuclear plant?

<https://world-nuclear-news.org/articles/podcast-what-should-be-the-target-time-to-build-a-nuclear-plant>