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KIT Becomes Research Hub for Fusion Technology

https://www.kit.edu/kit/english/pi_2026_068_kit-becomes-research-hub-for-fusion-technology.php

Germany to launch three new fusion hubs for research and industry

<https://optics.org/news/germany-to-launch-three-new-fusion-hubs-combining-research-and-industry>

A new approach to cleaning the inner walls of a fusion system removes another obstacle to near-endless energy

<https://www.pppl.gov/news/2026/new-approach-cleaning-inner-walls-fusion-system-removes-another-obstacle-near-endless>

ORNL launches fusion testbed partnership

<https://www.neimagazine.com/news/ornl-launches-fusion-testbed-partnership/>

Nuclear fusion persists at ultralow energies inside metal foils

<https://physicsworld.com/a/nuclear-fusion-persists-at-ultralow-energies-inside-metal-foils/>

Commonwealth Raises \$1 Billion to Accelerate Path to Commercial Fusion Energy

<https://www.esgtoday.com/commonwealth-raises-1-billion-to-accelerate-path-to-commercial-fusion-energy/>

UCSB, Lawrence Livermore collaborate to accelerate fusion plasma simulations with AI

<https://news.ucsb.edu/2026/022727/ucsb-lawrence-livermore-collaborate-accelerate-fusion-plasma-simulations-ai>

Scientists push the frontiers of ultracold neutral plasma research

<https://bioengineer.org/scientists-push-the-frontiers-of-ultracold-neutral-plasma-research/>

UW-Madison: A Midwestern nucleus of fission and fusion

<https://www.ans.org/news/article-8163/uwmadison-a-midwestern-nucleus-of-fission-and-fusion/>

Mapping the extreme acceleration of quark–gluon plasma: the hidden engine of heavy-ion collisions

<https://www.eurekalert.org/news-releases/1138346>

NASA's PUNCH sharpens solar storm forecasting in first test

<https://phys.org/news/2026-08-nasa-sharpens-solar-storm.html>

AI Speeds Up X-Ray Materials Analysis

<https://www.anl.gov/psc/ai-speeds-up-xray-materials-analysis>

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Los Alamos National Laboratory postdoctoral program earns excellence award
<https://www.lanl.gov/media/news/0804-postdoctoral-program-award>

Detecting the Illicit Removal of Nuclear Fuel
<https://physics.aps.org/articles/v19/s94>

Amazon buys nuclear-powered data center from Talen
<https://www.ans.org/news/article-5842/amazon-buys-nuclearpowered-data-center-from-talen/>

Two research efforts gave AI the same open problem. Their papers were submitted three hours apart
<https://www.scientificamerican.com/article/ai-helped-produce-two-proofs-for-the-same-cryptography-problem/>

Social Problems of Nuclear Energy
<https://climate.mit.edu/posts/social-problems-nuclear-energy>

Why are companies interested in Moon dust?
https://www.weforum.org/videos/companies_moon_dust/

New Chinese reactors reach start-up milestones
<https://www.world-nuclear-news.org/articles/chinese-reactors-start-up-milestones>

Recent Peer-Reviewed Articles of Interest

Experience in Licensing the ITER Fusion Project
<https://link.springer.com/article/10.1134/S1063778826130181>

Experimental study of ECH pre-ionization on J-TEXT
<https://iopscience.iop.org/article/10.1088/1741-4326/ae4fde>

Toward sustainable nuclear material management: a review of destructive methods for quantifying difficult-to-measure radionuclides in metallic waste
<https://www.nature.com/articles/s44296-026-00117-8>

Simulation of fusion neutron spectra from D-D and D-T thermonuclear fusion
<https://www.nature.com/articles/s41598-026-49325-1>

Technoeconomic competitiveness of small modular reactors across U.S. power and industrial sectors
<https://www.nature.com/articles/s41467-026-76077-3>

[Of Interest]

‘A waste of time for all of us’: caught in the crossfire of the peer-review wars
<https://www.nature.com/immersive/d41586-026-01360-8/index.html>

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White House Releases Its Vision For Science: What Role For Energy?

<https://www.forbes.com/sites/scottmontgomery/2026/08/04/white-house-releases-its-vision-for-science-what-role-for-energy/>

Two questions about the future of NSF

<https://www.aps.org/about/news/2026/08/help-shape-national-science-foundation>

PRX Intelligence publishes its first papers

<https://www.aps.org/about/news/2026/07/prx-intelligence-publishes-first-papers>