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X-pinch plasma achieves radial proton acceleration for crisp imaging

<https://news.engin.umich.edu/2026/07/x-pinch-plasma-achieves-radial-proton-acceleration-for-crisp-imaging/>

Behind the Fusion Scene: Chris Else

<https://kyotofusioneering.com/news/2026/07/14/4074>

ITER reports strong project progress

<https://www.neimagazine.com/news/iter-reports-strong-project-progress/>

Cosylab: Giving Control to Production Fusion Systems

<https://thefusionreport.substack.com/p/cosylab-giving-control-to-production>

Testing materials for fusion power plants

<https://www.tum.de/en/news-and-events/all-news/press-releases/details/testing-materials-for-fusion-power-plants>

Global fusion energy annual investments hit record of nearly \$4.5 billion

<https://www.reuters.com/business/energy/global-fusion-energy-annual-investments-hit-record-nearly-45-billion-2026-07-13/>

Pacific Fusion Says Pulsed-Power Prototype Hits Milestone at National Lab

<https://www.powermag.com/pacific-fusion-says-pulsed-power-prototype-hits-milestone-at-national-lab/>

UMaine researchers developing sensors for monitoring nuclear fusion reactors

<https://umaine.edu/news/2026/07/umaine-researchers-developing-sensors-for-monitoring-nuclear-fusion-reactors/>

Graphene nanoribbons survive gamma radiation, revealing potential sensors for fusion reactors

<https://phys.org/news/2026-07-graphene-nanoribbons-survive-gamma-revealing.html>

Particle physics faces its next great decision—and its next frontier

<https://www.scientificamerican.com/article/europes-future-circular-collider-could-revolutionize-particle-physics-if-its-ever-built/>

Funding boost for Proxima stellarator

<https://www.neimagazine.com/news/funding-boost-for-proxima-stellarator/>

Reimagining the furnace: How a new magnetic design could supercharge industrial plasma

<https://phys.org/news/2026-07-reimagining-furnace-magnetic-supercharge-industrial.html>

First commercial nuclear satellite launched on SpaceX mission

<https://www.ans.org/news/article-8188/first-commercial-nuclear-satellite-launched-on-spacex-mission/>

FYI – FUSION NEWS/ALERTS

TIFR Hyderabad researchers reveal why some glasses break suddenly while others deform smoothly

<https://www.eurekalert.org/news-releases/1135355>

A new smart coating could improve the cleanup of nuclear wastewater

<https://phys.org/news/2026-07-smart-coating-cleanup-nuclear-wastewater.html>

Plasma agriculture makes strides towards super-seeding conventional methods

<https://www.eurekalert.org/news-releases/1135995>

Deep Fission delivers prototype canister

<https://www.neimagazine.com/news/deep-fission-delivers-prototype-canister/>

Taking a bird's-eye view as PRX Quantum's new lead editor

<https://www.aps.org/apsnews/2026/07/prx-quantum-new-lead-editor>

AutoFocus Enables AI To Speed Up X-Ray Experiments

<https://www.anl.gov/xsd/autofocus-enables-ai-to-speed-up-xray-experiments>

Nuclear is ready now

<https://www.ans.org/news/article-8210/nuclear-is-ready-now/>

Grant to support expansion of TRISO-X nuclear fuel campus

<https://www.world-nuclear-news.org/articles/grant-to-support-expansion-of-triso-x-nuclear-fuel-campus>

Recent Peer-Reviewed Articles of Interest

Pre-conceptual Design of ST-E1 - Tokamak Energy's Perspective on Pilot Plants

<https://iopscience.iop.org/collections/nf-260604-01>

Tutorial: a beginner's guide to fast neutron detection with an EJ-309 detector

<https://www.nature.com/articles/s41596-026-01372-8>

Dispersion characteristics of bounded dust-acoustic waves in an ultradense Thomas-Fermi dusty plasma waveguide

<https://iopscience.iop.org/article/10.1209/0295-5075/ae87c6>

Probing viscosity of the intracluster medium using ram-pressure stripping

<https://academic.oup.com/mnras/advance-article/doi/10.1093/mnras/stag1292/8732231>

[Of Interest]

Matthias Troyer on his pivot to Microsoft — and the importance of mid-career recognition

<https://www.aps.org/apsnews/2026/07/matthias-troyer-pivot-microsoft-recognition>

From faith to technology - more of India's wealthy are giving to science

<https://www.bbc.com/news/articles/cvg5388xpv9o>

Willful ignorance of the global impact of nuclear war

<https://physicstoday.aip.org/features/willful-ignorance-of-the-global-impact-of-nuclear-war>

What will happen to Earth's moon in the far future?

<https://www.scientificamerican.com/article/what-will-happen-to-the-moon-in-the-far-future/>

Springer Nature restores Max Planck's mysteriously retracted papers

<https://www.science.org/content/article/springer-nature-restores-max-planck-s-mysteriously-retracted-papers>

Why environmental scientists need ethics training more than ever before

<https://www.pnas.org/doi/10.1073/pnas.2525403123>

Chatbots can help perpetuate stigma around certain health conditions

<https://www.science.org/content/article/chatbots-can-help-perpetuate-stigma-around-certain-health-conditions>