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Date: 21 Jan 2025

Cryopump test facility - Ready to enter commissioning

<https://www.iter.org/node/20687/ready-enter-commissioning>

[Latest ITER Newsline: <https://www.iter.org/whatsnew/445>]

New laser technique reveals how plasma instabilities can spaghetti electrons

<https://www.imperial.ac.uk/news/260120/new-laser-technique-reveals-plasma-instabilities/>

Elena Belova and Yevgeny Raitses recognized for groundbreaking plasma physics research

<https://www.pppl.gov/news/2025/elena-belova-and-yevgeny-raitses-recognized-groundbreaking-plasma-physics-research>

UK announces £410m investment to advance fusion energy

<https://www.neimagazine.com/news/uk-410m-investment-to-advance-fusion-energy/>

Funding Boost for UK Fusion R&D

<https://www.world-energy.org/article/48762.html>

Lancaster project to develop breeder materials for fusion

<https://www.theengineer.co.uk/content/news/lancaster-project-to-develop-breeder-materials-for-fusion>

Major investment for Lancaster to fast-track fusion fuel development in the UK

<https://www.lancaster.ac.uk/news/over-700000-for-lancaster-to-fast-track-fusion-fuel-development-in-the-uk>

The wonder material which could hold the key to near-limitless energy

<https://news.sky.com/story/the-wonder-material-which-could-hold-the-key-to-near-limitless-energy-13290834>

Fusion energy could move closer to commercial viability with Clemson University's help

<https://news.clemson.edu/fusion-energy-could-move-closer-to-commercial-viability-with-clemson-universitys-help/>

UK's LIBRTI fusion programme orders key equipment

<https://www.world-nuclear-news.org/articles/uks-librti-fusion-programme-orders-key-equipment>

Nuclear fusion: What is a 'super' magnet?

<https://news.sky.com/video/nuclear-fusion-what-is-a-super-magnet-13290857>

Critical remarks on the current TAB report on nuclear fusion

https://www.ipp.mpg.de/5481806/tab_bericht_2025?c=14226

Private Sector Advances Nuclear Fusion With AI – New Plant To Open Soon

<https://www.forbes.com/sites/johnwerner/2025/01/18/private-sector-advances-nuclear-fusion-with-ai--new-plant-to-open-soon/>

UT secures \$20 million grant for fusion materials research

https://www.spacedaily.com/reports/UT_secures_20_million_grant_for_fusion_materials_research_999.html

“Louvers” on the SPARC fusion device should exhaust gases as hot as a star

<https://www.eurekalert.org/news-releases/1070962>

General Atomics Successfully Tests Nuclear Thermal Propulsion Reactor Fuel at NASA Marshall Space Flight Center

<https://www.ga.com/ga-successfully-tests-nuclear-thermal-propulsion-reactor-fuel-at-nasa-marshall-space-flight-center>

Nuclear power firm wants to harness India’s untapped deposits using new American technology

<https://economictimes.indiatimes.com/industry/renewables/nuclear-power-firm-wants-to-harness-indias-untapped-deposits-using-new-american-technology/articleshow/117390831.cms>

US Department of Energy announces Early Career Research Program for FY 2025

<https://www.eurekalert.org/news-releases/1070975>

Westinghouse and South Korean firms resolve nuclear technology IP dispute

<https://www.neimagazine.com/news/westinghouse-and-south-korean-firms-resolve-nuclear-technology-ip-dispute/>

IEA report shows nuclear sector booming despite costs

<https://www.theengineer.co.uk/content/news/iea-report-shows-nuclear-sector-booming-despite-costs>

US companies join forces to accelerate SMR deployment

<https://www.world-nuclear-news.org/articles/us-companies-join-forces-to-accelerate-smr-deployment>