

Date: 12 Mar 2026

Vacuum vessel sector #9 - Getting the full once-over

<https://www.iter.org/node/20687/getting-full-once-over>

[Latest ITER Newline: <https://www.iter.org/whatsnew/491>]

Licensing puts the power into nuclear fusion

<https://physicsworld.com/a/licensing-puts-the-power-into-nuclear-fusion/>

Control of novel power exhaust solutions in nuclear fusion

<https://www.tue.nl/en/news-and-events/news-overview/05-03-2026-control-of-novel-power-exhaust-solutions-in-nuclear-fusion>

New European Alliance Aims to Industrialize Stellarator Fusion

https://www.optica-opn.org/home/industry/2026/march/a_new_european_alliance_aims_to_industrialize_stellarator_fusion/

IAEA details fusion waste strategies

<https://www.neimagazine.com/news/iaea-details-fusion-waste-strategies/>

Proxima Fusion plans first commercial fusion power plant

<https://www.munich-startup.de/en/117741/proxima-fusion-plans-fusion-power-plant/>

Fusion Reactors Can Hold a Star: So Why Do They Struggle at the Wall?

<https://economictimes.indiatimes.com/news/international/us/fusion-reactors-can-hold-a-star-so-why-do-they-struggle-at-the-wall/articleshow/129205868.cms>

New national superconductivity facility to support UK fusion and energy technologies

<https://www.strath.ac.uk/whystrathclyde/news/2026/superconductivityfacility/>

Durham and UK Atomic Energy Authority set out vision for new Fusion Centre

<https://www.durham.ac.uk/news-events/latest-news/2026/03/durham-and-uk-atomic-energy-authority-set-out-vision-for-new-fusion-centre/>

Advanced Radiographic Capability Achievements Featured in Physics of Plasmas

<https://lasers.llnl.gov/news/advanced-radiographic-capability-achievements-featured-physics-plasmas>

How Giant Freakin' Lasers Can Save The World

<https://www.forbes.com/sites/adamfrank/2026/03/08/how-giant-freakin-lasers-can-save-the-world/>

Gravitational Collapse Primes Galactic Magnetism

<https://physics.aps.org/articles/v19/s26>

Mimicking Lightning in a Dielectric

<https://physics.aps.org/articles/v19/s24>

Probing the Cosmic Web

<https://physics.aps.org/articles/v19/s33>

Scientists harness quantum tunneling to boost heavy water production efficiency

<https://phys.org/news/2026-03-scientists-harness-quantum-tunneling-boost.html>

Oklo, Centrus explore advanced nuclear fuel joint venture

<https://world-nuclear-news.org/articles/oklo-centrus-explore-advanced-nuclear-fuel-joint-venture>

Execution mode

<https://cerncourier.com/a/execution-mode/>

Speech by President von der Leyen at the Nuclear Energy Summit

https://ec.europa.eu/commission/presscorner/detail/nl/speech_26_581

NRC Approves Construction Permit for TerraPower

<https://neutronbytes.com/2026/03/05/nrc-approves-construction-permit-for-terrapower/>

Scaling sustainability: Moving from concept to credibility

<https://sustainability.stanford.edu/news/scaling-sustainability-moving-concept-credibility>

Deep Fission begins drilling first data acquisition well

<https://www.world-nuclear-news.org/articles/deep-fission-begins-drilling-first-data-acquisition-well>

Recent Peer-Reviewed Articles of Interest

40 Tesla miniature magnets

<https://www.science.org/doi/10.1126/sciadv.adz5826>

Exascale computing to accelerate discoveries in astrophysics and space plasma physics

<https://www.nature.com/articles/s41550-026-02807-8>

[Of Interest]

NASA administrator talks to Science about studying the Moon, Mars—and Earth

<https://www.science.org/content/article/nasa-administrator-talks-science-about-studying-moon-mars-and-earth>

Fixing the barriers: How new policies can make U.S. nuclear exports competitive again

<https://www.ans.org/news/article-7778/fixing-the-barriers-how-new-policies-can-make-us-nuclear-exports-competitive-again/>

FYI – FUSION NEWS/ALERTS

China could see widespread use of brain-computer tech in 3-5 years, expert says

<https://www.reuters.com/world/asia-pacific/china-could-see-widespread-use-brain-computer-tech-3-5-years-expert-says-2026-03-07/>

Humans Are Closer Than Ever to Building a Star on Earth—And Unlocking Unlimited Energy

<https://www.popularmechanics.com/science/energy/a70627756/tokamak-fusion-breakthroughs/>