

Date: 03 Jun 2026

Technology - ITER and industry push robotics into new territory

<https://www.iter.org/node/20687/iter-and-industry-push-robotics-new-territory>

[Latest ITER Newline: <https://www.iter.org/whatsnew/502>]

UK fusion beam programme established

<https://www.neimagazine.com/news/uk-fusion-beam-programme-established/>

ITER begins operations at its magnet cold test facility

<https://www.ans.org/news/article-8081/iter-begins-operations-at-its-magnet-cold-test-facility/>

A diamond anniversary, fittingly spent harnessing the gem's weird superpowers

<https://www.pppl.gov/news/2026/diamond-anniversary-fittingly-spent-harnessing-gem%E2%80%99s-weird-superpowers>

Focused Energy raises whopping \$240M Series A for laser-powered fusion tech

<https://techcrunch.com/2026/06/02/focused-energy-raises-whopping-240m-series-a-for-laser-powered-fusion-tech/>

Record funding for European fusion

<https://www.neimagazine.com/news/record-funding-for-european-fusion/>

Pacific Fusion Touts Funding, Technical Achievements on Way to Fusion Power

<https://www.powermag.com/pacific-fusion-touts-funding-technical-achievements-on-way-to-fusion-power/>

Tennessee Powers Up With First-In-The-Nation Fusion Regulations Starting June 9

<https://www.tn.gov/environment/news/2026/6/1/tn-powers-up-first-in-the-nation-fusion-regulations-june-9.html>

Relativistic plasma could boost intensity of petawatt laser

<https://physicstoday.aip.org/news/relativistic-plasma-could-boost-intensity-of-petawatt-laser>

Announcing HAX Plasma Forge's New Home at Princeton's SRI

<https://sosv.com/the-hax-plasma-forge-finds-a-home-at-princetons-sri/>

Gravitational waves confirm predicted black-hole mass gap and probe stellar nuclear physics

<https://www.nature.com/articles/s41550-026-02856-z>

LLNL researchers characterize hydrogen-uranium corrosion

<https://www.ans.org/news/article-8079/llnl-researchers-characterize-hydrogenuranium-corrosion/>

Fast reactor momentum grows

<https://www.neimagazine.com/news/fast-reactor-momentum-grows/>

FYI – FUSION NEWS/ALERTS

Breaking ground on a new approach to construction

<https://www.ans.org/news/2026-06-01/article-8048/breaking-ground-on-a-new-approach-to-construction/>

UAH, NASA partnership pushes nuclear thermal propulsion toward making deep space exploration a reality

<https://www.uah.edu/news/items/uah-nasa-partnership-pushes-nuclear-thermal-propulsion-toward-making-deep-space-exploration-a-reality>

Deploying nuclear power: Financing, risk, and execution in the current market environment

<https://www.ans.org/news/article-7950/deploying-nuclear-power-financing-risk-and-execution-in-the-current-market-environment/>

Ten EU countries call for nuclear to be marked ‘sustainable’

<https://www.ans.org/news/article-8087/ten-eu-countries-call-for-nuclear-to-be-marked-sustainable/>

Recent Peer-Reviewed Articles of Interest

Special Issue on Fusion Neutronics

<https://www.tandfonline.com/doi/full/10.1080/15361055.2026.2624331>

Overview of first JT-60SA plasma operation and plans in view of ITER and DEMO

<https://iopscience.iop.org/article/10.1088/1741-4326/ae74e1>

Explainable tokamak-agnostic forecasting of fusion plasma instability via megahertz turbulent fluctuations

<https://www.nature.com/articles/s42005-026-02689-2>

[Of Interest]

What physicists can do to support the green economy

<https://physicsworld.com/a/what-physicists-can-do-to-support-the-green-economy/>

Robots run this laboratory in Japan — and are changing how scientists work

<https://www.nature.com/articles/d41586-026-01625-2>

Dark stars – the weird, invisible monsters of the early Universe that could still exist today

<https://www.skyatnightmagazine.com/space-science/dark-stars>

The space tech solving the world's signal problem

<https://www.bbc.com/reel/video/p0n7sb1z/watch>