

Date: 09 Apr 2026

## **Historic Milestone: India's 500 MWe Prototype Fast Breeder Reactor Achieves First Criticality**

<https://www.pib.gov.in/PressReleasePage.aspx?PRID=2249576&reg=3&lang=2>

## **Bellows installation - Getting ready to flex**

<https://www.iter.org/node/20687/getting-ready-flex>

[Latest ITER Newslines: <https://www.iter.org/whatsnew/495>]

## **Fusion power unlikely to become competitive**

<https://www.nature.com/articles/s41560-026-02022-9>

## **Expanding America's role in fusion systems in France and Japan**

<https://www.pppl.gov/news/2026/expanding-america%E2%80%99s-role-fusion-systems-france-and-japan>

## **Fusion companies partner for "more shots on goal"**

<https://www.axios.com/2026/04/02/commonwealth-systems-realta-fusion-energy-goals>

## **NERS receives two Helion HERCULES awards to advance fusion energy**

<https://ners.engin.umich.edu/2026/04/07/ners-receives-two-helion-hercules-awards-to-advance-fusion-energy/>

## **Realta Fusion secures HTS magnet supply**

<https://www.ans.org/news/2026-04-06/article-7910/realta-fusion-secures-hts-magnet-supply/>

## **New junior research group on legal issues relating to fusion energy**

<https://www.uni-wuerzburg.de/en/news-and-events/einblick/single/news/legal-junior-research-group-fusion-energy/>

## **The AI-Energy Nexus: Why Fusion Is Becoming The Next Big Tech Race**

<https://www.forbes.com/councils/forbestechcouncil/2026/04/03/the-ai-energy-nexus-why-fusion-is-becoming-the-next-big-tech-race/>

## **Physicists just solved a strange fusion mystery that stumped experts**

<https://www.sciencedaily.com/releases/2026/04/260401071957.htm>

## **Physicists zero in on the mass of the fundamental W boson particle**

<https://news.mit.edu/2026/physicists-report-mass-fundamental-w-boson-particle-0408>

## **Livermore Institute for Fusion Technology Honored for Innovation**

<https://lasers.llnl.gov/news/livermore-institute-fusion-technology-honored-innovation>

## **Introducing the Fusion Supply Chain Trade Show**

<https://www.fusionindustryassociation.org/fusion-supply-chain-trade-show/>

## FYI – FUSION NEWS/ALERTS

### **Collapsing Plasma May Hold the Key to Cosmic Magnetism**

<https://scitechdaily.com/collapsing-plasma-may-hold-the-key-to-cosmic-magnetism/>

### **Energy Department aims to build full-fledged quantum computer within 3 years**

<https://www.science.org/content/article/energy-department-aims-build-full-fledged-quantum-computer-within-3-years>

### **Who's in the running for DOE Nuclear Lifecycle Innovation Campuses?**

<https://www.ans.org/news/article-7898/whos-in-the-running-for-doe-nuclear-lifecycle-innovation-campuses/>

### **Alumna, nuclear leader Kathryn Huff named nuclear engineering and engineering physics chair**

<https://engineering.wisc.edu/news/alumna-nuclear-leader-kathryn-huff-named-nuclear-engineering-and-engineering-physics-chair/>

### **New England governors announce joint support for nuclear energy**

<https://www.ans.org/news/2026-04-06/article-7909/new-england-governors-announce-joint-support-for-nuclear-energy/>

### **Working to advance the nuclear renaissance**

<https://news.mit.edu/2026/working-to-advance-nuclear-renaissance-dean-price-0403>

### ***Recent Peer-Reviewed Articles of Interest***

#### **Plasma wakefield: from accelerators to black holes**

<https://link.springer.com/article/10.1007/s41614-026-00215-z>

#### **Unprecedented robustness of physics-informed atomic energy models at and beyond room temperature**

<https://www.nature.com/articles/s42004-026-01965-0>

#### **Dynamics of the water-plasma interface in various discharge modes of atmospheric-pressure plasmas**

<https://www.nature.com/articles/s41598-026-45989-x>

#### **Single-event fast neutron time-of-flight spectrometry with a petawatt-laser-driven neutron source**

<https://www.nature.com/articles/s41467-026-70312-7>

### ***[Of Interest]***

#### **Als can 'memorize' data they shouldn't. Can they be forced to forget?**

<https://www.science.org/content/article/ais-can-memorize-data-they-shouldn-t-can-they-be-forced-forget>

#### **NASA's Artemis II moon mission reaches greatest distance from Earth**

<https://www.scientificamerican.com/article/nasas-artemis-ii-moon-mission-reaches-greatest-distance-from-earth/>

### **Six Ways the IAEA Supports Global Health Through Nuclear Science**

<https://www.iaea.org/newscenter/news/six-ways-the-iaea-supports-global-health-through-nuclear-science>