

Date: 03 Sep 2026

Connecting the power of the stars to geometry: PPPL tests an innovative fusion system concept that could change the world

<https://www.pppl.gov/news/2026/connecting-power-stars-geometry-pppl-tests-innovative-fusion-system-concept-could-change>

Tennessee Announces First License for Commercial Fusion

<https://typeoneenergy.com/insights-announcements/first-license-for-commercial-fusion/>

PACMAN AI framework for controlling fusion systems safely makes key decisions in milliseconds

<https://www.pppl.gov/news/2026/pacman-ai-framework-controlling-fusion-systems-safely-makes-key-decisions-milliseconds>

Fusion Energy Seed Grants Launch New Interdisciplinary Collaborations at University of Texas at Austin

<https://cns.utexas.edu/news/announcements/fusion-energy-seed-grants-launch-new-interdisciplinary-collaborations-university>

Helical selected for Japanese fusion demonstration project

<https://world-nuclear-news.org/articles/helical-selected-for-japanese-fusion-demonstration-project>

Bengaluru startup builds India's 1st private nuclear fusion tokamak. Next step is a reactor

<https://theprint.in/ground-reports/pranos-pragya-tokamak-nuclear-fusion-reactor/3032248/>

KF boosts fusion infrastructure funding

<https://www.neimagazine.com/news/kf-boosts-fusion-infrastructure-funding/>

Michigan Plasma Prize honors helicon plasma pioneer Rod Boswell

<https://ece.engin.umich.edu/stories/michigan-plasma-prize-honors-helicon-plasma-pioneer-rod-boswell>

Breakthrough Evidence: Nuclear Fusion 'Flaw' Could Actually Be Part of The Solution

<https://www.sciencealert.com/breakthrough-evidence-nuclear-fusion-flaw-could-actually-be-part-of-the-solution>

Making Fusion Energy Fuel And Building Fuel Injection Systems For Commercial Fusion Energy Machines

<https://thefusionreport.substack.com/p/making-fusion-energy-fuel-and-building>

Madison utility, energy startup to explore new fusion power plant

<https://www.jsonline.com/story/money/business/energy/2026/09/02/madison-utility-energy-fusion-power-plant/91555098007/>

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Prof. Andreas Meyer to become Scientific Director of FRM II

<https://www.tum.de/en/news-and-events/all-news/press-releases/details/prof-andreas-meyer-to-become-scientific-director-of-frm-ii>

This Startup Is Building Superconducting Satellite Motors

<https://www.forbes.com/sites/the-prototype/2026/08/28/this-startup-is-building-superconducting-satellite-motors/>

New chemical clues shine a light on galactic evolution

<https://news.osu.edu/new-chemical-clues-shine-a-light-on-galactic-evolution/>

Ampera teams with LLNL on thorium

<https://www.neimagazine.com/news/ampera-teams-with-llnl-on-thorium/>

ATLAS, new MARAD partnership, among latest maritime nuclear announcements

<https://www.ans.org/news/article-8353/atlas-new-marad-partnership-among-latest-maritime-nuclear-announcements/>

First measurement of low-energy solar neutrinos scattering off electrons

<https://phys.org/news/2026-09-energy-solar-neutrinos-electrons.html>

Geomagnetic storms could get worse than we thought

<https://physicstoday.aip.org/news/geomagnetic-storms-could-get-worse-than-we-thought>

Free-falling atoms in space put a new twist on Galileo's gravity test

<https://www.sciencenews.org/article/atoms-gravity-space-galileo-einstein>

Antares locks in fuel for microreactors

<https://www.neimagazine.com/news/antares-locks-in-fuel-for-microreactors/>

3 Questions: Putting the Nuclear Waste Issue into Perspective

<https://nse.mit.edu/3-questions-putting-the-nuclear-waste-issue-into-perspective/>

Recent Peer-Reviewed Articles of Interest

Topological Arrest of Ballooning Modes in Nonaxisymmetric Toroidal Plasmas

<https://journals.aps.org/prl/abstract/10.1103/6m2z-wlmb>

The International Quest for Fusion, Past and Future

https://link.springer.com/chapter/10.1007/978-3-032-29873-7_12

[Download] <https://link.springer.com/content/pdf/10.1007/978-3-032-29873-7.pdf>

Soliton solutions and dynamical bifurcation analysis of the Yajima-Oikawa equations

<https://www.nature.com/articles/s41598-026-55853-7>

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[Preprint] Science Of Nuclear Fusion: Insights and Ideas

<https://arxiv.org/html/2609.01366v1>

[Of Interest]

The decline in physics bachelor's degrees: Contributors and consequences

<https://physicstoday.aip.org/features/the-decline-in-physics-bachelors-degrees-contributors-and-consequences>

Will Meta's settlement in social media addiction case be a boon for research?

<https://www.science.org/content/article/will-meta-s-settlement-social-media-addiction-case-be-boon-research>

Researchers presented 6000 papers at a major meeting. Could AI reproduce their findings?

<https://www.science.org/content/article/researchers-presented-6000-papers-major-meeting-could-ai-reproduce-their-findings>