

Date: 31 Jul 2026

Sector module lift - Millions of data points, one successful lift

<https://www.iter.org/node/20687/millions-data-points-one-successful-lift>

[Latest ITER Newsline: <https://www.iter.org/whatsnew/509>]

Europe develops a new fuel source for JT-60SA

<https://fusionforenergy.europa.eu/news/jt60sa-fuel-source-centrifuge-accelerator-f4e-sener/>

PPPL to lead Genesis Mission project to create an AI operator for crucial fusion energy heating system

<https://www.pppl.gov/news/2026/pppl-lead-genesis-mission-project-create-ai-operator-crucial-fusion-energy-heating-system>

ITER core makes progress

<https://www.neimagazine.com/news/iter-core-makes-progress/>

Tapping Tokamak Turbulence

<https://physics.aps.org/articles/v19/s95>

Germany coordinates fusion R&D efforts

<https://www.world-nuclear-news.org/articles/germany-coordinates-fusion-rd-efforts>

A Fusion Boost for Gyrotrons

<https://rosatomnewsletter.com/2026/07/30/a-fusion-boost-for-gyrotrons/>

PPPL and Princeton Launch Collaborative Research in Plasma Science and Technology Program

<https://www.pppl.gov/news/2026/pppl-and-princeton-launch-collaborative-research-plasma-science-and-technology-program>

IAEA Research Project Advances Work with Small and Medium Fusion Devices

<https://www.iaea.org/newscenter/news/iaea-research-project-advances-work-with-small-and-medium-fusion-devices>

ORNL, REV launch innovative collaboration on fusion infrastructure

<https://www.eurekalert.org/news-releases/1137950>

Wendelstein 7-X designing 2-MW gyrotrons to upgrade heating system

<https://www.ans.org/news/article-8251/wendelstein-7x-designing-2mw-gyrotrons-to-upgrade-heating-system/>

US fusion energy company Commonwealth raises \$1 billion in equity funding

<https://www.reuters.com/business/energy/us-fusion-energy-company-commonwealth-raises-1-billion-equity-funding-2026-07-30/>

Investment guide targets nuclear's USD6 trillion challenge

<https://www.world-nuclear-news.org/articles/investment-guide-targets-nuclears-usd6-trillion-challenge>

FYI – FUSION NEWS/ALERTS

Temasek-backed fusion energy firm raises a further \$1.3 billion

<https://www.straitstimes.com/business/temasek-backed-fusion-energy-firm-raises-a-further-1-3-billion>

UW-Madison: A Midwestern nucleus of fission and fusion

<https://www.ans.org/news/2026-07-30/article-8163/uwmadison-a-midwestern-nucleus-of-fission-and-fusion/>

Strong-field laser-plasma physics -Collaboration between the Department of Physics at HHU and a major European research facility

<https://www.hhu.de/en/news-article/collaboration-between-the-department-of-physics-at-hhu-and-a-major-european-research-facility>

Counting the stars from Técnico: a journalist will be following nuclear fusion research

<https://tecnico.ulisboa.pt/en/news/counting-the-stars-from-tecnico-a-journalist-will-be-following-nuclear-fusion-research/>

NNSA Celebrates the Laboratory for Laser Energetics at 50

<https://www.energy.gov/nnsa/articles/nnsa-celebrates-laboratory-laser-energetics-50>

AI Transformers Improve Nuclear Reactor Simulations

<https://www.newswise.com/doesience/ai-transformers-improve-nuclear-reactor-simulations>

Interim Report of UK Fission Materials Roadmap published

<https://www.niauk.org/interim-report-of-uk-fission-materials-roadmap-published/>

Recent Peer-Reviewed Articles of Interest

Density limit experiments and core-localized kinetic ballooning modes in HL-2A ohmic heating plasmas

<https://iopscience.iop.org/article/10.1088/1361-6587/ae90eb>

[Of Interest]

Nuclear energy startup funding is heating up

<https://www.axios.com/2026/07/28/nuclear-energy-venture-capital>