

Date: 07 Jan 2026

Best Wishes for a very Happy and Successful New Year 2026!!

FYI - Fusion News/Alerts

Happy new year: what's happening in physics in 2026?

<https://physicsworld.com/a/happy-new-year-so-what-will-happen-in-physics-in-2026/>

Fusion reactors may create dark matter particles in their walls

<https://www.earth.com/news/fusion-reactors-may-create-dark-matter-particles-in-their-walls/>

EAST Tokamak experiments exceed plasma density limit, offering new approach to fusion ignition

<https://www.eurekalert.org/news-releases/1111089>

Commonwealth Fusion Systems, Siemens, NVIDIA Will Develop Fusion Digital Twin

<https://www.powermag.com/commonwealth-fusion-systems-siemens-nvidia-will-develop-fusion-digital-twin/>

Dennis Whyte's fusion quest

<https://www.technologyreview.com/2026/01/06/1128665/dennis-whytes-fusion-quest/>

A Tungsten Miracle Happened in the Heart of a Fusion Reactor

<https://www.popularmechanics.com/science/green-tech/a69918315/fusion-reactor-tungsten-breakthrough-science/>

US fusion strategy stuck in past as China moves ahead, CEO warns

<https://www.aol.com/articles/us-fusion-strategy-stuck-past-164619112.html>

Every fusion startup that has raised over \$100M

<https://techcrunch.com/2025/12/31/every-fusion-startup-that-has-raised-over-100m/>

Fusion Energy Institute Names Kim Hyun-soo 'Proud KFE Person' of the Year

<https://en.sedaily.com/technology/2026/01/02/fusion-energy-institute-names-kim-hyun-soo-proud-kfe-person>

China's "artificial sun" just broke a fusion limit scientists thought was unbreakable

<https://www.sciencedaily.com/releases/2026/01/260101160855.htm>

The Guardian view on the new space race: humanity risks exporting its old politics to the moon

<https://www.theguardian.com/commentisfree/2025/dec/28/the-guardian-view-on-the-new-space-race-humanity-risks-exporting-its-old-politics-to-the-moon>

FYI – FUSION NEWS/ALERTS

Rare Cosmic Event May Be First-Ever 'Superkilonova,' Scientists Say

<https://www.forbes.com/sites/jamiecartereurope/2025/12/31/rare-cosmic-event-may-be-first-ever-superkilonova-scientists-say/>

A new space race is beginning

<https://www.taipeitimes.com/News/editorials/archives/2026/01/03/2003849954>

High-Temperature neutron flux detectors for Generation IV reactors and SMRs

<https://www.ans.org/news/2026-01-02/article-7634/hightemperature-neutron-flux-detectors-for-generation-iv-reactors-and-smrs/>

With a focus on nuclear power, Takaichi's energy policy takes shape

<https://www.japantimes.co.jp/environment/2026/01/04/energy/takaichi-energy-policy/>

'Fuel of the future' has been discovered in Minnesota

<https://www.earth.com/news/helium-3-the-fuel-of-the-future-has-been-discovered-in-minnesota/>

New York takes two more steps toward nuclear

<https://www.ans.org/news/article-7638/new-york-takes-two-more-steps-towards-nuclear/>

Particle and nuclear physics: quirky favourites from 2025

<https://physicsworld.com/a/particle-and-nuclear-physics-quirky-favourites-from-2025/>

Recent Peer-Reviewed Articles of Interest

Accessing the density-free regime with ECRH-assisted ohmic start-up on EAST

<https://www.science.org/doi/10.1126/sciadv.adz3040>

A broadband electromagnetic circulator in magnetized plasma

<https://pubs.aip.org/aip/apl/article/128/1/011101/3376082/A-broadband-electromagnetic-circulator-in>

[Of Interest]

Fusion News - Top Stories of 2025

<https://www.youtube.com/watch?v=1rqKmnwt9pk>

Securing the nuclear fuel supply chain for a growing energy future

<https://www.nature.com/articles/s41560-025-01931-5>