FYI – FUSION NEWS/ALERTS

Date: 03 Feb 2025

Gyrotron technology to accelerate Tokamak Energy fusion dream
https://www.theengineer.co.uk/content/news/gyrotron-technology-to-accelerate-tokamak-energy-fusion-dream

Improving the way flash memory is made
https://www.pppl.gov/news/2025/improving-way-flash-memory-made

Nuclear fusion technology one step closer to Teesside
https://www.bbc.co.uk/sounds/play/p0kmbj5c

Nuclear Fusion: The UK's Game-Changing Venture. Discover How It Could Redefine Global Energy
https://angmv-mr.org/nuclear-fusion-the-uks-game-changing-venture-discover-how-it-could-redefine-global-energy/

Transforming Fusion from a Scientific Curiosity into a Powerful Clean Energy Source
https://alum.mit.edu/slice/transforming-fusion-scientific-curiosity-powerful-clean-energy-source

Here's what our Sun's core really looks like
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Improving wheat seed germination using plasma treatments
https://ww2.aip.org/scilights/improving-wheat-seed-germination-using-plasma-treatments

How to make small modular reactors more cost-effective
https://news.mit.edu/2025/youyeon-choi-high-fidelity-methods-small-modular-reactors-cost-effective-0124

Italy to finalise nuclear energy return plan by 2027
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Fast radio burst came from a neutron star's magnetosphere, say astronomers
https://physicsworld.com/a/fast-radio-burst-came-from-a-neutron-stars-magnetosphere-say-astronomers/

Nuclear Energy in the Clean Energy Transition
https://www.iaea.org/newscenter/news/nuclear-energy-in-the-clean-energy-transition

Scientists Discover Shortest-Lived Superheavy Nucleus Ever Recorded
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Helioseismology method can measure solar radiative opacity under extreme conditions
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Indian companies restructure to advance nuclear energy
https://www.neimagazine.com/news/indian-companies-restructure-to-advance-nuclear-energy/

Recent Peer-Reviewed Articles of Interest

Plasma-induced optically active defects in hexagonal boron nitride
https://pubs.aip.org/aip/apl/article/126/4/043103/3332361/Plasma-induced-optically-active-defects-in

Propagation characteristics of THz waves through magnetized dusty plasma with a ceramic substrate
https://pubs.aip.org/aip/pop/article/32/1/013304/3332389/Propagation-characteristics-of-THz-waves-through

A three-stage plasma model based on one-way coupling of plasma dynamics, ionic motion, and fluid flow: Application to DBD plasma actuators
https://pubs.aip.org/aip/jap/article/137/4/043302/3332392/A-three-stage-plasma-model-based-on-one-way