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Deepak Dhar awarded prestigious Dirac Medal

<https://www.icts.res.in/news/deepak-dhar-awarded-prestigious-dirac-medal>

[Related] ICTP Announces 2026 Dirac Medal Recipients

<https://www.ictp.it/news/2026/8/ictp-announces-2026-dirac-medal-recipients>

[Related] 'Earthquakes, avalanches and market crashes have some things in common'

<https://www.nature.com/articles/d44151-026-00151-4>

MIT researchers tackle the economic realities of fusion power

<https://news.mit.edu/2026/mit-researchers-tackle-economic-realities-fusion-power-0810>

Latest MAST Upgrade experiments achieve milestones

<https://www.world-nuclear-news.org/articles/latest-mast-upgrade-experiments-achieve-milestones>

F4E delivers all equipment to distribute cold in ITER

<https://fusionforenergy.europa.eu/news/iter-cryolines-cryopump-distribution-delivered/>

Korea Begins Design of ITER Fusion Fuel Storage Vessels

<https://en.sedaily.com/society/2026/08/12/korea-begins-design-of-iter-fusion-fuel-storage-vessels>

The edge decides: How turbulence determines the success of fusion power plants

<https://www.ipp.mpg.de/press-release-plasmaedge>

The Sun as Never Before Seen

<https://physics.aps.org/articles/v19/112>

ORNL, Kyoto Fusioneering to develop fusion technology test facility in East Tennessee

<https://www.eurekalert.org/news-releases/1139643>

ORNL, Type One partner to advance fusion fuel cycle

<https://www.world-nuclear-news.org/articles/ornl-type-one-partner-to-advance-fusion-fuel-cycle>

What Is The Right “Need” In The United States For Commercial Fusion Energy?

<https://thefusionreport.substack.com/p/what-is-the-right-need-in-the-united>

FIA Sends Letter to NRC in Support of Materials Rulemaking

<https://www.fusionindustryassociation.org/fia-sends-letter-to-nrc-in-support-of-materials-rulemaking/>

ORNL, Rutherford Energy Ventures launch fusion partnership

<https://www.ans.org/news/2026-08-07/article-8276/ornl-rutherford-energy-ventures-launch-fusion-partnership/>

CFS secures fusion funding boost

<https://www.neimagazine.com/news/cfs-secures-fusion-funding-boost/>

User Success Story: How STEP Fusion Used COMSOL Multiphysics® to Tackle AC Losses in Fusion Reactor Design

<https://www.theengineer.co.uk/content/product/user-success-story-how-step-fusion-used-comsol-multiphysics-to-tackle-ac-losses-in-fusion-reactor-design>

'Flying focus' laser overcomes key limitation in plasma-based particle accelerators

<https://phys.org/news/2026-08-flying-focus-laser-key-limitation.html>

With DOE Genesis Mission award, David Smith is making real-time plasma control possible

<https://engineering.wisc.edu/news/with-doe-genesis-mission-award-david-smith-is-making-real-time-plasma-control-possible/>

US collaboration to study used nuclear fuel recycling

<https://www.world-nuclear-news.org/articles/us-collaboration-to-study-used-nuclear-fuel-recycling>

Research Reactors Drive Innovation in Science, Health, and Industry

<https://www.iaea.org/newscenter/news/research-reactors-drive-innovation-in-science-health-and-industry>

India develops critical equipment for International Mega Science project FAIR

<https://www.pib.gov.in/PressReleasePage.aspx?PRID=2296099&req=3&lang=1>

Indian parliamentarians stress urgency for uranium projects

<https://world-nuclear-news.org/articles/indian-parliamentarians-stress-urgency-for-uranium-projects>

Recent Peer-Reviewed Articles of Interest

Criteria for the economic viability of fusion power plants

<https://link.springer.com/article/10.1007/s10894-026-00577-9>

Papers from the 67th Annual Meeting of the APS Division of Plasma Physics

<https://pubs.aip.org/collection/676928/Papers-from-the-67th-Annual-Meeting-of-the-APS>

Evaluating the structural reliability of piping systems for ITER Port Cell 16: Design challenges and optimization in Test Blanket Systems

<https://www.sciencedirect.com/science/article/pii/S0920379626003704>

FYI – FUSION NEWS/ALERTS

The roles of different nuclear facilities for the qualification of the breeding blanket

<https://www.sciencedirect.com/science/article/pii/S0920379626003716>

[Of Interest]

Quantum-Secure Ballots Demonstrated in the Lab

<https://physics.aps.org/articles/v19/113>

This AI tool claims to pick the top 1% of preprints. Should researchers trust it?

<https://www.nature.com/articles/d41586-026-02276-z>

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<https://www.nature.com/articles/d41586-026-01772-6>