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The state of fusion research: progress, challenges and future prospects

Friday 19 September 2025 10:30 (25 minutes)

Fusion —the process in which atomic nuclei combine to form heavier elements —releases immense energy and represents a key frontier in the pursuit of sustainable energy. This talk will provide an overview of fusion research, introducing fundamental concepts and highlighting significant progress toward the development of viable fusion reactors. It will also explore both historic milestones and recent breakthroughs, and examine their implications for the future of fusion energy.

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