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Macro Roundup Article

Headline: **WHAM! Nuclear Fusion Experiment Hits New Record for Magnet Strength**

Article Link: https://techcrunch.com/2024/07/18/wham-nuclear-fusion-experiment-hits-new-record-for-magnet-strength/

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Tweet: A nuclear fusion experiment at the University of Wisconsin-Madison set a record for the strongest magnetic field confining a plasma, raising hopes that future reactors will produce more power than they consume.

Summary: A nuclear fusion experiment at the University of Wisconsin-Madison has set a record for the strongest steady magnetic field confining a plasma, ushering in new hope that forthcoming demonstration reactors will deliver on their promises to produce more power than they consume.The new magnets came from Commonwealth Fusion Systems (CFS), a pioneering startup in the fusion industry which delivered the devices to UW-Madison's WHAM experiment earlier this month. Once the WHAM team chilled the magnets down to operating temperature and applied a strong electrical current, the high-temperature superconductors produced a 17 tesla magnetic field. That's more than twice as powerful as high-resolution MRI scanners use to image the human brain.

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Primary Topic: Energy

Topics: Energy, Innovation/Research, News article, Productivity, Science

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