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High Magnetic Field Science and Technology

Wednesday, August 30, 2017 9:15 AM (30 minutes)

Intense magnetic fields provide experimentalists with a particularly versatile thermodynamic parameter that addresses a wide range of modern questions in physics and materials research. However, the generation of intense fields, including the proposed 60T DC magnet and 150T non-destructive pulsed magnet, requires continued development of high-strength materials and high-current-density superconductors. This talk will survey both high magnetic field science and technology.

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