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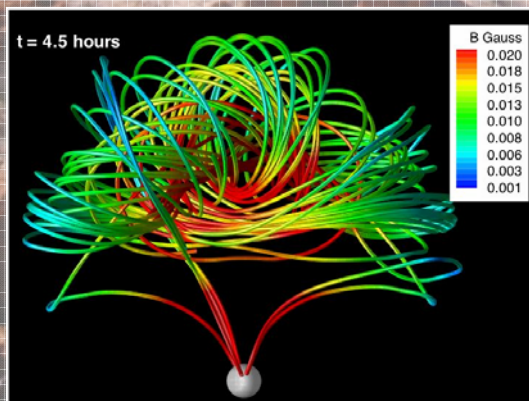


Mileura Wide-Field Array Low Frequency Demonstrator Solar Heliospheric Ionospheric Science New England Regional Meeting November 1, 2006 Starting at 9am

Description: We are holding a one day meeting on MIT campus at the Kavli Institute for Astrophysics and Space Research on November 1, 2006 to introduce interested researchers in the New England region to the design and science goals of the Mileura Wide-Field Array Low Frequency Demonstrator (MWA-LFD). MWA-LFD is an 80-300 MHz. imaging interferometric radio array with Solar, Heliospheric, and

Ionospheric science goals focused on understanding the solar corona, interplanetary space, and ionospheric structure.

The goals of this workshop are to describe the array and schedule, seek input from the community about the design, and identify possible scientific collaborations. The workshop will consist of presentations on the solar, heliospheric, and ionospheric science targeted by the array and talks by attendees on additional science opportunities



Massachusetts Institute of
Technology
Kavli Institute for Astrophysics and
Space Research

Marlar Lounge – Second Floor

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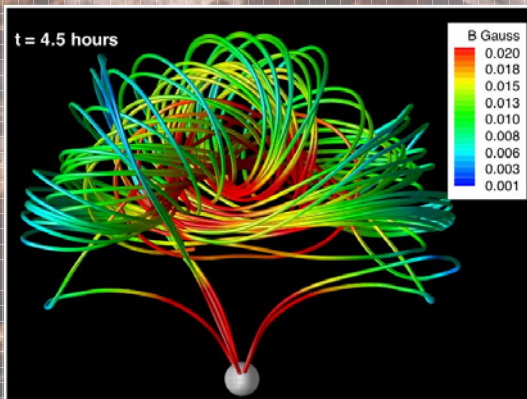
Introduction



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- A one day workshop on MWA for New England region scientists
- 9th meeting of New England Space Science Consortium
- <http://www.bu.edu/csp/NESSC/>





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Outline

- Project organization
- Array presentations: Overview, ionospheric calibration
- Science goals: Faraday Rotation, IPS, solar bursts, ionospheric science
- Lunch & Coffee breaks
- Community presentations

