

Second Hinode Science Meeting

29 September- 3 October 2008

Boulder, Colorado USA

Hinode-2

Beyond Discovery - Toward Understanding

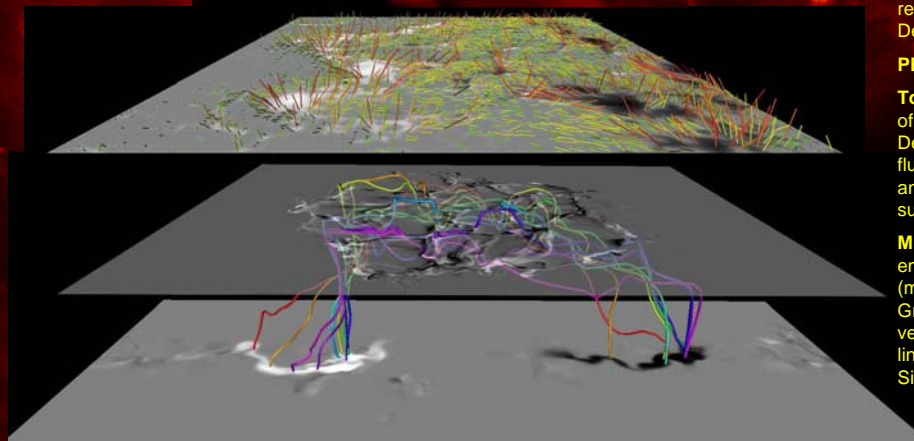
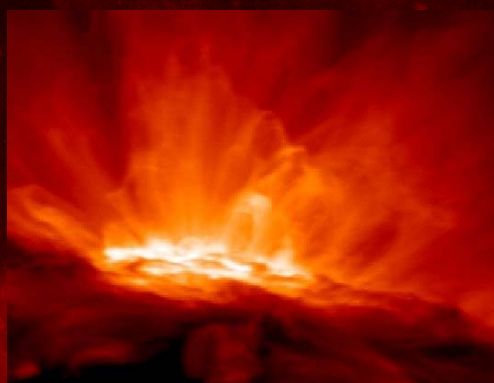


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Amy Knack (HAO-NCAR)
KD Leka (NWRA)
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IMAGES:

Background: Hinode XRT X-ray image of the quiet solar disk obtained on 23 June 2007.

Inset: EIS image of an active region at the limb obtained on 18 December 2007 in Fe XII 195 Å

PERSPECTIVE IMAGES:

Top: Hinode vector magnetogram of emerging flux region on 11 December 2007, showing magnetic flux as a gray scale. Orientation and strength of fields as "grass" at surface

Middle and Bottom: Simulation of emerging magnetic flux by at 0 Km (middle) and -5000 Km (bottom). Gray scale indicates strength of vertical magnetic field. Selected lines of force are shown. Simulations by M. Cheung.