

PROM Workshop 2007
(Prominence Research: Observations and
Models)

*October 29-30, Space Sciences Laboratory,
University of California, Berkeley*

Participants

K. S. (Bala) Balasubramaniam

NSO/Sacramento Peak Obs.

Association of an Erupting Filament and Neighbouring Flare

Paul Bellan

Caltech

Why Current-Carrying Magnetic Flux Tubes Gobble up Plasma and Become Thin as a Result - Model and Supporting Lab Experiments

Tom Berger

Lockheed Solar and Astrophysics Lab

New Hinode Observations of Quiescent and Active Region Prominences

Elena Benevolenskaya

Stanford

Small-scale Magnetic Fields at High Latitude on the Sun, Their Relation to the Filaments and Prominences Observed in H-alpha and He II

Oddbjörn Engvold

University of Oslo

The Enigmatic Threads of Filaments - What can be Inferred From Current Observations?

Terry G. Forbes

University of New Hampshire

The Role of Magnetic Reconnection in Prominence Eruptions

Holly Gilbert

Rice University

Observational Evidence for Cross-field Diffusion of Neutral Filament Material

Judy Karpen

NRL

Numerical Studies of Flux Cancellation

Therese Kucera

Goddard Space Flight Center

Talking point presentation: Questions Concerning the Disconnection and Eruption of Filaments and CMEs

Yan Li and B. J. Lynch

Berkeley Space Science Laboratory

The Magnetic Connectivity for Quiescent Filaments Over Neighbouring Neutral Lines

Ben Lynch, Y. Li, and J.G. Luhmann

Berkeley Space Science Laboratory

Sheared-Field Prominences and the Eruptive Implications of Magnetic Topology

Paulett Liewer

Jet Propulsion Laboratory, STEREO team

Prominences in 3D: Movies from SECCHI/EUVI

Duncan Mackay and Anthony Yeates

University of St. Andrews

Modelling the Large Scale Corona: Reproducing the Hemispheric Pattern of Filaments

Sara Martin, O. Panasenco, O. Engvold and Y. Lin

Helio Research

A Concept of Coronal Mass Ejections and their Origin

Sara Martin

Helio Research

Illusive Illusions in the Dynamics of Filaments

Kasia Mikurda

Prairie View Solar Observatory

Texas A&M University

Observations of the Merge of two Quiescent Filaments

Karin Muglach

Naval Research Observatory

The Formation of Three Filament Channels and Filaments

Joten Okamoto

National Astronomical Observatory

Hinode Science Center

Mitaka, Tokyo, Japan

Direct Evidence of the Emergence of the Helical Flux Rope Under an Active-region Prominence

Olya Panasenco

Helio Research

Newly Recognized Cases of the Roll Effect in Solar Prominences

George Parks

UC, Berkeley

Energy Dissipation in Collisionless Plasmas

Alex Pevtsov

NSO/Sacramento Peak Obs.

Helicity in Solar Prominences

Ilan Roth

UC, Berkeley

(not presenting)

Nandita Srivastava

Udaipur Solar Observatory

India

- 1. STEREO EUVI Data and Relevance of Progress on Ground-based Dual Beam Ha Doppler Systems*
- 2. Techniques for 3d Reconstruction of CME Leading Edge*

Pat Stoker

Southern California

Amateur Astronomer

High Resolution Solar Observations Using Commercial Filters and Small Aperture Telescopes

Brian Welsch

UC, Berkeley

Magnetogram Evolution Near Neutral Lines

Jack Zirker

free-lance writer,

former director NSO/Sacramento Peak

Magnetic Models: Where are We?