

The Refractor

The Bulletin of the Eastbay Astronomical Society
Founded in 1924 at Chabot Observatory, Oakland, California

Volume 87
Number 11

Sept. 2011

EAS SCI-FI MOVIE NIGHT

That's right!

September 24th
7:30 to 9:30pm

EAS goes to the movies!

So dust off your Theremin, gather up your 'Robby the Robot' collectables and join us at Chabot Space and Science Center to view the Sci-Fi Cult Classic:

FORBIDDEN PLANET

There'll be popcorn and soda on hand, for sure; and a movie trivia contest for valuable prizes!

So, run, don't walk, or, drive if you must, to Chabot for a sort'a late, but sure to be great Sci- Fi matinee madness.



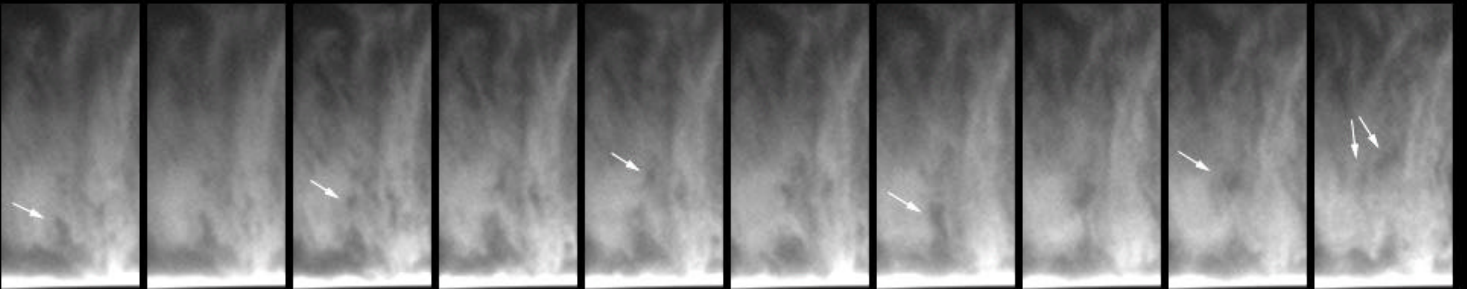
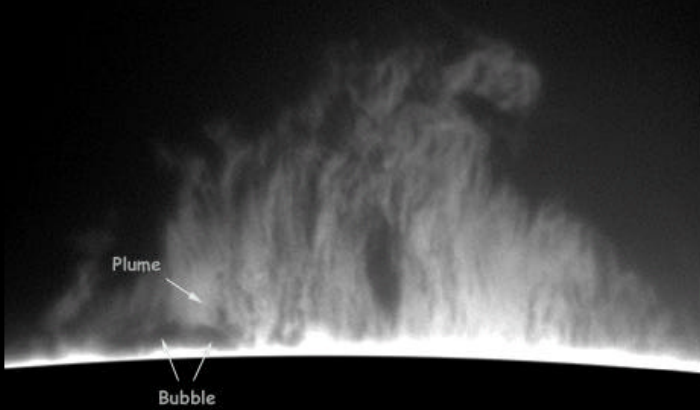
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Bubble and Plumes in Quiescent Prominence

Bubbles of hot plasma develop instabilities, producing dynamic upflows or 'plumes' of hot plasma that rise at nearly 20 kms a second through the cooler prominence plasma.

Photos from 42 minute H-alpha time-lapse movie
28 Aug. 2011 Jim Ferriera, Livermore CA



Dynamic Backyard Solar Astronomy

Prominence photography with a 4" refractor and Daystar solar filter using a digital video camera.

FUTURE CONJUNCTIONS—2011

- Sep 24 General Meeting, Chabot, Physics Lab, 7:30pm
- 8 Board Meeting, Chabot, Soda Room, 7:30pm
- 18 EAS MOVN, 7pm-10pm, Wightman Plaza
- Oct 15 General Meeting, Chabot, Physics Lab, 7:30pm
- 13 Board Meeting, Chabot, Soda Room, 7:30pm
- 2 EAS MOVN, 7pm-10pm, Wightman Plaza

For questions or if you are uncertain about the weather, call (925)926-0853 before 6pm, or check Chabot's weather page at <http://www.chabotspace.org/forms/weather.aspx>

WANTED: PHOTOS OF OLD CHABOT

Do you have photographs of the Mountain Boulevard Chabot Observatory? If you do, pick out the best of the best and send a scanned image to the Newsletter editor. A new image will be posted in the newsletter each month.

EAS Loaner Scope Program has telescopes available for rental by EAS members. Scopes include 60mm and 80mm refractors, a C-90, two 10 inch Dobsonians, and ; 4 and 8 inch Schmidt-Cassegrains. Scope rental is \$15 a month, with a \$50 deposit. For information, contact Ray Wong by E-mail at qm7@yahoo.com

Chabot Space & Science Center Invites EAS Members to Volunteer with Us!

- Share your knowledge of and passion for astronomy with thousands of CSSC visitors
- Experience the unique opportunity to operate Chabot's historical telescopes
- Share your own telescope at Chabot*
- Inspire young astronomers and future scientists by assisting students in our astronomy education programs

Explore these opportunities And find out about our next Volunteer Orientation!

<http://www.chabotspace.org/adult-volunteers.htm>

*EAS members who are only interested in sharing their own telescope at Chabot (not a full volunteer commitment) are required to attend a volunteer orientation. After completion, you may join us on deck and share your own telescope any Friday or Saturday night! Chabot Volunteers must make the regular volunteer commitment and pursue official placement through the Volunteer Manager.

Eastbay Astronomical Society



At Chabot Space & Science Center
10000 Skyline Boulevard • Oakland, CA 94619

September 2011
RETURN SERVICE REQUESTED

Eastbay Astronomical Society

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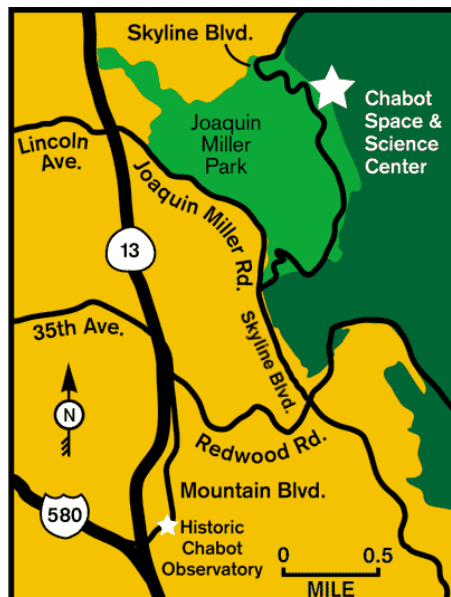
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Articles and photos for *The Refractor* are encouraged. Deadline for the Sep. 2011 issue is Sep. 1, 2011. Items may be submitted by snail-mail or E-mail to: Editor - Jim Ferreira, 753 Oriole Avenue, Livermore CA 94551 bakerst@comcast.net (925) 449-0107

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Join the Eastbay Astronomical Society

- Regular, \$24/year Family, \$36/year
- Contributing, \$40/year Student, \$15/year (digital news-letter, only)
- Sustaining, \$60/year or more

Contact: Richard Ozer, EAS Treasurer
Phone: (510) 532-5477 Email: rozer@pacbell.net

Sign up online at <http://www.eastbayastro.org/>