



**Lunar** Image by CCAS Member David Majors. Canon T3i DSLR at prime focus.

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**Next Meeting:** Thursday, April 26 at 7pm with Dr. Tom Abel from the Cosmology department at Stanford University.

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**Next Star Gazing:** Saturday, April 14 at sunset at the Santa Margarita KOA. See inside for directions and a map.

# Upcoming Meeting

Wesley Room, 1515 Fredericks Street, San Luis Obispo

6: 45 Doors Open | 7:00 Meeting Starts

**April 26, 2018 with Guest Speaker Dr. Sam Abel**



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Our April guest speaker is Dr. Tom Abel, computational cosmologist at the Kavli Institute for Particle Astrophysics and Cosmology and a Professor both at the SLAC National Accelerator Laboratory and the Physics Department at Stanford University. Dr. Abel is also the Director of the Kavli Institute for Particle Astrophysics and Cosmology and Director of the Particle Astrophysics and Cosmology Division at SLAC.

**Our meetings are at 7pm at the United Methodist Church. We're at the Wesley Building. The address for the UMC is 1515 Fredericks Ave, San Luis Obispo.**

The info you need to attend this free public astronomy event is here:

<http://www.centralcoastastronomy.org/>

# Next Star Gazing

**April 14th at sunset  
(7:20PM) at the Santa  
Margarita KOA**

Our Sky Star Parties occur once a month, and are free and open to the public, and also weather-permitting.



If you'd like to join us, park at the bottom of the hill and walk up to the telescopes just before sunset. If you're got a large, bulky telescope, please arrive *before* sunset to set up.

If you arrive after dark (you need headlights to see the road), DO NOT drive toward the telescopes! Park at the bottom of the hill and walk up. We welcome students and supervised children to our events.

Please no smoking or pets, and do not bring white flashlights. You might want to bring your own set of binoculars, hot cocoa, and a warm coat.



# Member's Work

Here's a quick snapshot of events we've done recently that showcase our members in action!

CCAS Member Ron Setina processed the crater shots in Registax. The Upper crater is Hercules with Hercules G inside the main crater. Hercules E is just visible on the rim of Hercules. Atlas is just below with Atlas A at the bottom of the image. The



second image, 0600, shows the Hercules regions with the names of the nearby craters. This second image is a screenshot from SkySafari with a map of the region



**Tycho Lunar Crater** Image by CCAS Member David Majors. Canon T3i DSLR at prime focus.





## **Griffith Observatory Trip!**

**Visit Los Angeles with us for a fun field trip!**

Would you be interested in going on a day trip to the Los Angeles Griffith Observatory?

Leaving Saturday, May 19<sup>th</sup> around 8am from San Luis Obispo. (Return time TBD, but it will be on the same day.) The trip cost will be \$25 per person for to cover the roundtrip bus fare.

This is limited to ages 16 and over (please no pets). If you'd like to bring your scope and assist the LAAS with their star gazing (they begin scope setup at 2pm for public solar viewing), you can find out information about this here:

<http://www.griffithobservatory.org/programs/publictelescopes.html>

If you are interested in attending, please send an email to Aurora at [aurora@CentralCoastAstronomy.org](mailto:aurora@CentralCoastAstronomy.org) by April 12<sup>th</sup> to reserve your spot.



# CCAS Officers

Feel free to connect with us!



President: Aurora Lipper

Vice President: Tom Frey

Vice President: Joseph Carro

Outreach Coordinator: Dave Majors

Treasurer: Lee Coombs

Celestial Advisor: Kent Wallace

Webmaster: Joe Richards

## CCAS Contact Information

*Founded in 1979, the Central Coast Astronomical Society (CCAS) is an association of people who share a common interest in astronomy and related sciences.*

Central Coast Astronomical Society

PO Box 1415

San Luis Obispo, CA 93405

Website: [www.centralcoastastronomy.org](http://www.centralcoastastronomy.org)

Facebook: [www.facebook.com/CentralCoastAstronomicalSociety](https://www.facebook.com/CentralCoastAstronomicalSociety)

## Lectures & Star Parties

### MONTHLY MEETING & LECTURE

On the fourth Thursday of the month (Jan-May, Aug-Oct), we often have world-renowned professionals and amateurs in astronomy speak about their projects during our monthly meetings. The talks are informal and questions are invited.

Meetings begin at 7:30 p.m. in San Luis Obispo. For location and directions, visit our website: [www.sloastro.org](http://www.sloastro.org)

### OUTREACH PROGRAM

We offer a limited number of outreach programs where we bring our star party to you. These custom events include a talk about current topics in space science. After the lectures, we make our telescopes available for your group to observe the wonders of the night sky.

### STAR-GAZING EVENTS

Join us for a star-gazing evening by observing the dark skies through club members' telescopes. It begins just before sunset on one Saturday each month. The Star Party is hosted in Santa Margarita. (See website [www.sloastro.org](http://www.sloastro.org) for dates, times and locations).

**Need help operating your telescope?** Bring your telescope one hour early for help on how to work your telescope by our friendly astronomers.



## Why Join CCAS?

### BENEFITS OF MEMBERSHIP

- Subscription to *Celestial Newsletter*, our monthly bulletin of articles and events
- Interaction with world class speakers as they present cutting edge astronomical research
- Discounts on *Sky & Telescope* and *Astronomy* magazines
- Social events, such as our annual Star-B-Que
- Club telescopes – use one of the club's loaner scopes, complete with instructional lessons
- Access to 'Members Only' are of the website containing observing tips, scope tricks, and educational articles for all levels
- Field trips – to observatories and other locations of scientific interest, such as Mt. Wilson Observatory in Pasadena, Chabot, Space and Science Center, Fremont Peak, and the Stanford Linear Accelerator Center (registration fee may be requested)
- Extended observing hours on public nights and private observing sessions exclusively for CCAS members
- Assistance from club members, and other "how-tos" to help you best enjoy amateur astronomy and astrophotography

*Questions about membership or other events?*  
Call Lee Coombs at (805) 466-2788 or visit our website at:

**[www.sloastro.org](http://www.sloastro.org)**

## How to Join

### MEMBERSHIP APPLICATION

Membership is annual for each upcoming year, beginning when you first sign up. You can sign up online or mail in this form:

*Membership Categories* (Check one):

- ☐ \$15 Youth/Student  
☐ \$15 Seniors  
☐ \$20 Individual/Family

*Magazine subscriptions* Add specified amount to membership fee for a 1-year subscription.

- ☐ *Sky & Telescope* (+ \$33) only in September  
☐ *Astronomy* (+ \$34) only available in September

*Information: (PRINT CLEARLY!)*

Name(s) \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State, Zip \_\_\_\_\_

Home Phone \_\_\_\_\_

E-Mail \_\_\_\_\_

*Newsletter Subscription:*

You can choose E-Mail (recommended) or hard copy delivery for *Celestial Observer*. (check one)

- ☐ E-Mail (full color)  
☐ Hard Copy (black & white)

Please make checks payable to Central Coast Astronomical Society and mail to P.O. Box 1415, San Luis Obispo, CA 93405.