

Celestial

Volume 39 Issue 1



Observer

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Hubble's powerful sensitivity and resolution captures a soft blue haze, called intracluster light, among innumerable galaxies in the Abell S1063 cluster. Astronomers have found that intracluster light's association with a map of mass distribution in the cluster's overall gravitational field makes it a good indicator of how invisible dark matter is distributed in the cluster. NASA, ESA and M. Montes (University of New South Wales)

Next Meeting: Thursday, Jan. 24
with guest speaker CCAS member
Dave Gibbs

Next Star Gazing: Saturday, January
12th (Weather permitting!!) at sunset
at the Santa Margarita KOA. See
inside for directions and a map.

Upcoming Meeting

Thursday, January 24th in the Wesley Room

1515 Fredericks Street, San Luis Obispo

6:45 Doors Open | 7:00 Meeting Starts



David Gibbs attended the International Dark-Sky Association annual meeting in November. He will speak at our January meeting about what he learned there. David will also share *Saving The Dark*, a documentary movie on astronomy and light pollution.

The movie will show what the people in cities are missing out on, the importance of astronomy in our lives, the impact astronomy can have on children, how light pollution costs a lot of money, affects our health, wildlife and our environment, show the work of nonprofits fighting to preserve dark night skies, tell what people can do at home to fight Light Pollution and talk to cities that have successfully handled this issue.

Next Star Gazing

January 12th, 2018 at sunset (5:00 PM) 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. Check our website for all the details! (Weather permitting!)

Sacramento Mountains Spectroscopy Workshop

The second Sacramento Mountains Spectroscopy Workshop (SMSW-2) will be held in Las Cruces, New Mexico on February 22, 23 and 24, 2019



This event is designed to be a boot camp to help friends and neighbors get started and move forward with amateur astronomical spectroscopy. You won't find a boot camp like this anywhere else in the world!

You can learn more and register here: <http://www.smsweb.com/>

CCAS Officers

Feel free to connect with us!



President: Joseph Carro

Vice President: Tom Frey

Vice President: Aurora Lipper

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

Facebook: 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

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 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

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.

