



*CCAS Members celebrated the solar eclipse from many different locations on Aug. 21<sup>st</sup>! (Image by Dr. Tom Frey, CCAS Member, imaged in Oregon)*

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**Next Meeting: *All About the Eclipse!***

Lee Coombs will be hosting our September meeting which will be "All About the 2017 Solar Eclipse." Sept. 28<sup>th</sup>, 7pm at SLOUMC!

**Next Star Gazing: Saturday, Sept. 16**

(weather-permitting!) at sunset at the Santa Margarita KOA. Set up early to get a good spot with our astronomers!

# Next Club Meeting

**Sept 28 at 7pm at 1515 Frederick's Street in SLO**

Lee Coombs will be hosting our September meeting which will be "All About the 2017 Solar Eclipse." All attendees are encouraged to bring their experiences, photos, or other related information to the meeting.

Be sure to wear your eclipse T-shirts, caps, buttons or other paraphernalia related to the event. If you have photos to share, please limit them to 10 or less and place them on a flash drive or memory stick, preferably in PDF format, so they can be projected with the digital projector.



*About the image (Dr. Tom Frey): I took one shot about every 10 minutes leading to totality. You can see the deep red color of the sun's chromosphere...then the corona, the million degree plus atmosphere shines above the Moon's disk. I took several exposures but this s the best one. At the end of totality, I caught the diamond ring effect as the Sun reappears (front cover image).*

**About the meeting:** We would all be interested in where and how you observed or photographed the eclipse weather you observed just the partial or the total. We will try to give everyone 5 minutes to tell of their experiences and most memorable moments. This should be a fascinating meeting for all. Hope to see you there!

Arrive early to be sure you get a good seat! We'll also have time for show-and-tell, so if you have any new astronomy equipment you'd like to share with the group, feel free to bring it along.



# Next Star Gazing

Sept. 16 at sunset 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.



# Head's Up!

**NASA Announces Cassini End-of-Mission Activities**

On Sept. 15, NASA's Cassini spacecraft will complete its remarkable story of exploration with an intentional plunge into Saturn's atmosphere, ending its mission after nearly 20 years in space. News briefings, photo opportunities and other media events will be held at NASA's Jet Propulsion Laboratory in Pasadena, California, and will air live on NASA Television and the agency's website:

<https://www.nasa.gov/nasalive>



# Member's Outreach!

Can you help at any of these?

No previous experience required!

If you'd like to help us with our outreach efforts to the community, we'd love to hear from you! Our friendly astronomers often donate their time and energy to educating and sharing their passion with the public.

It's a great way to make new friends and learn about the starry skies at the same time. If you'd like to join our *Outreach Team*, please connect with CCAS President Joseph Carro at [jcarro@charter.net](mailto:jcarro@charter.net) directly.

Here is a list of upcoming opportunities:

- |              |  |
|--------------|--|
| 9 September  | West Paso Robles, Justin Winery        |
| 16 September | west Paso Robles, Calcareous Winery    |
| 17 September | Cal Poly, Solar viewing                |
| 7 October    | Lopez Lake, Outdoor Discovery          |
| 20 October   | West Paso Robles, Hoyt Family Vineyard |
| 22 October   | Harmony, Harmony Winery                |
| 28 October   | San Luis Obispo, Claiborne Winery      |



**SECOND**

# Ross and Sue Benitez Space Exploration Forum

*The End of Cassini: Explorer  
of the Outer Solar System*

**JANI RADEBAUGH**

Planetary Scientist



**SATURDAY,  
SEPTEMBER 16**

7-8:30 pm

**SPANOS THEATER**

Doors open at 6:30 pm

**CAL POLY**  
Physics

CAL POLY  
ASTRONOMICAL  
SOCIETY

For more info, call 805-756-2448  
[physics.calpoly.edu/space](http://physics.calpoly.edu/space)

# CCAS Officers

Feel free to connect with us!



President: Joseph Carro

Vice President: Tom Frey

Communications: 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

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