



# Announcements

## April 2016

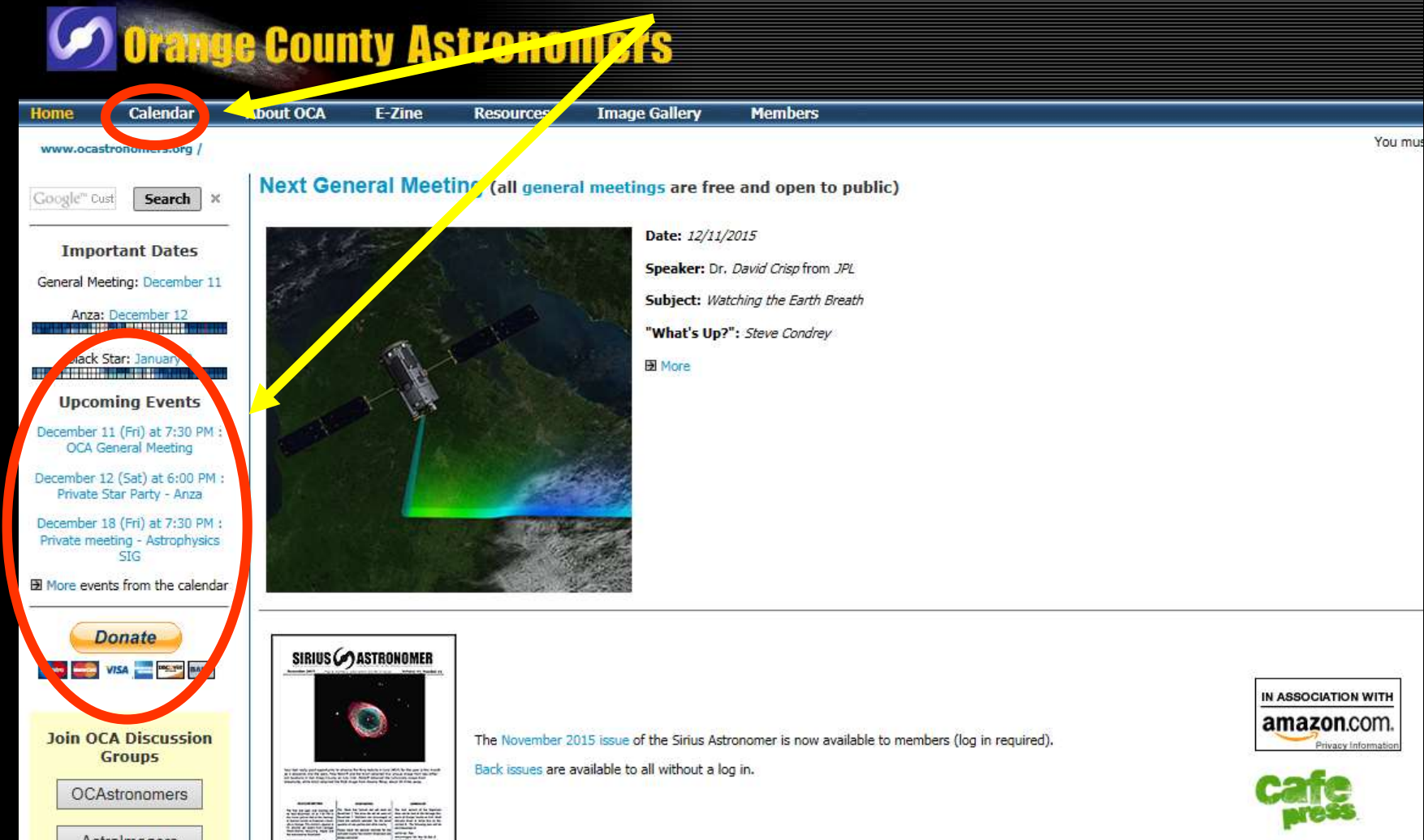
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- Lou & Michael Carrier
- Dr Mark & Mikey Carrier
- Dan Hare Ben Samuel
- Sean League
- James Lesniak
- Karl Marx
- Marc & Sherri Nussbaum

**Pick up your membership  
badges – on whiteboard.**

# OCA News and Events

- [www.OCAstronomers.org](http://www.OCAstronomers.org)



The screenshot shows the website for Orange County Astronomers. At the top, the logo and name are displayed. Below is a navigation menu with links for Home, Calendar, About OCA, E-Zine, Resources, Image Gallery, and Members. The 'Calendar' link is circled in red. A yellow arrow points from the 'Calendar' link to the 'Upcoming Events' section on the left side of the page. This section lists several events, including the OCA General Meeting on December 11, a Private Star Party at Anza on December 12, and a Private meeting on Astrophysics SIG on December 18. Below the events is a 'Donate' button and a list of payment methods (MasterCard, VISA, Discover, American Express, PayPal). To the right of the calendar, there is a section for the 'Next General Meeting' on 12/11/2015, featuring Dr. David Crisp from JPL. The subject is 'Watching the Earth Breath' and the speaker is Steve Condrey. Below this is a 'More' link. At the bottom of the page, there is a section for the 'Sirius Astronomer' magazine, with a link to the November 2015 issue and a note that back issues are available to all without a log in. On the far right, there are logos for 'IN ASSOCIATION WITH amazon.com' and 'cafe press'.

## **Star Parties:**

**Anza:**

**Saturday, April 9<sup>th</sup>**

**Black Star Canyon:**

**Saturday, April 30<sup>th</sup>**



- **Special-Interest Group Meetings**
- **Astro-Imagers**
- **Astrophysics**
- **Beginner's Class**
  
- **OCA Board meeting**

# OCA News and Events

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Home Calendar About OCA E-Zine Resources Image Gallery Members

[www.ocastronomers.org /](http://www.ocastronomers.org/)

Google™ Dust Search x

### Important Dates

General Meeting: [December 11](#)

Anza: [December 12](#)

Black Star: [January 2](#)

### Upcoming Events

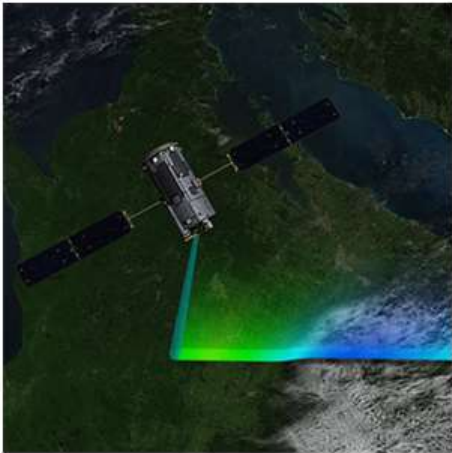
December 11 (Fri) at 7:30 PM :  
OCA General Meeting

December 12 (Sat) at 6:00 PM :  
Private Star Party - Anza

December 18 (Fri) at 7:30 PM :  
Private meeting - Astrophysics SIG

[More events from the calendar](#)


### Next General Meeting (all general meetings are free and open to public)



**Date:** 12/11/2015  
**Speaker:** Dr. David Crisp from JPL  
**Subject:** *Watching the Earth Breathe*  
**"What's Up?":** Steve Condrey

[More](#)

**Donate**




### Join OCA Discussion Groups

[OCAstronomers](#)

[Astrophysics](#)

### SIRIUS ASTRONOMER



The [November 2015 issue](#) of the Sirius Astronomer is now available to members (log in required).  
[Back issues](#) are available to all without a log in.

IN ASSOCIATION WITH  
**amazon.com.**  
Privacy Information

**cafe press**

# Outreach Events

➤ **See OCA Web Site or contact Darshan Meda for details.**      [Darshan.oca@gmail.com](mailto:Darshan.oca@gmail.com)>

**We appreciate your help!**



## Loaner 'Scopes

<u>Scope#</u>	<u>Type</u>	<u>Size</u>	<u>Mfg</u>	<u>Model</u>	<u>Rental fee</u>
1	Mac	3.5"	Meade	ETX90	\$5/Mo
2	Newtonian	4.5"	Meade	DS2114ATS	\$5/Mo
3	Refractor	2.5"	Unitron		Free
4	Newtonian	4.5"	Gallileo	FL-700mm	Free
5	Newtonian	8"	Meade LT	FL-2032mm	\$5/Mo
6	Newtonian	4.5"	Celestron	114EQ	Free
7	Mac	5"	Vixen	R130S	\$5/Mo
8	Cassegrain	8"	Hand made		Free
10	Newtonian	8"	Celestron	Celestron 5	Free
11	Dobsonian	13"	Hand made		Free
13	Mac	3.5"	Meade	ETX90	\$5/Mo
16	Mac	10"	Meade	LX200	5/Mo
17	Newtonian	8"	Celestron		
18	Newtonian	5"	Celestron	NexStar	\$5/mo
19	Mac		Meade	ETX60	\$5/mo
20	Reflector	8"	Orion	SkyView	Free
21	Refractor	3.1"	Celestron	Firstscope 80 EQ	Free

Contact: **Scott & Sandy Graham**

**Sandy2Scott@sbcglobal.net**



ORANGE COUNTY  
TELESCOPE

Where YOU are The Center of The Universe

Orange County

# TELESCOPE

Telescopes - Spotting Scopes  
Binoculars - Microscopes

**\* Friday Night FREE Star Party! \***

[ocTelescope.com](http://ocTelescope.com)

Club Discount: **3% off your bill**  
or **4% donated to OCA**, your choice

**2220 N. Main St. Santa Ana CA**

(opposite side of 5 Fwy from The Discovery "Cube" Science Center)

**888.471.9991**

**[www.ocTelescope.com](http://www.ocTelescope.com)**



## Opportunities ...

- Messier Marathon:
  - Send your score sheets to Barbara Toy, and win an award certificate!
- “What’s Up” :
  - Contact Reza AmirArjomond if you’d like to be a presenter `reza@ocastronomers.org`
- “Member’s Night”
  - Contact Reza if you like to give a 15-minute presentation
- Videographer to record the OCA meetings
  - Contact Steve Short or Bob Buchheim

# NASA INTERNATIONAL SPACE APPS CHALLENGE 2016

April 23-24<sup>th</sup> 2016

Peoplespace, 1691 Kettering, Irvine

- Annual, global competition
- Team up with friends or strangers
- 2 SoCal locations: Pasadena & Irvine
- NASA gives raw data to work on
- Develop innovative solutions for NASA's challenges in 6 categories
  - Technology
  - Aeronautics
  - Space Station
  - Solar System
  - Earth
  - Journey to Mars



For information:

<https://2016.spaceappschallenge.org/>

<http://spaceappsirvine.com/about/>

REGISTRATION OPEN

## Long-Range Planning ...

American Astronomical  
Society Summer Meeting

- San Diego
- June 12-16

details: [AAS.org](http://AAS.org)



Society for Astronomical  
Sciences

- Ontario, CA
- June 16-18

details: [SocAstroSci.org](http://SocAstroSci.org)



# **On Tonight's Agenda:**

**Owens Valley: Doug Millar**

**RTMC: Martin Carey**

**“What’s Up”: Chris Butler**

**Main Speaker: Asantha Cooray (UC Irvine)**  
**“Cosmic Light”**

# Owens Valley Radio Observatory

## Field Trip:

- **June 10<sup>th</sup> & 11<sup>th</sup>**
- **Contact Doug Millar:  
DrZarkof56@yahoo.com**

