

THE STAR DIAGONAL

THE JOURNAL OF THE OGDEN ASTRONOMICAL SOCIETY

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Meeting Announcement

Our meeting this month will be held in the CSME classroom. This is across the hall from the planetarium Director's Office. Doug and Dave will be giving a demonstration on mirror cleaning and telescope collimation. The meeting will begin at 7:30 as usual.

President's Message

Hello Everybody,

It was good seeing everybody at the April meeting. I would like to thank Ron Vanderhule for his presentations. I have since tried to find astronomy apps for my phone, and am now considering purchasing an Apple IPOD Touch. We are now getting into our busy season, with the schools requesting astronomy events, Antelope Island, and our own camp-outs. Since the weather is normally a hit or miss this time of year please make sure you watch the OAS yahoo group for confirmation, cancellations, or sudden changes. Just as a reminder we will be having our next Antelope Island Star Party on the 8th of May, Brad Carroll will be the guest speaker. I am hoping that I will see you all there. Our next OAS meeting will be May 13th, at 7:30pm. We also need to find new homes for the 10" Orion Dobsonian, the C-4 with solar scope, and the light bridge. If there are any takers please call me and we can set up a time and place to pick them up. Thanks.

Until Next Time,
Dustin Klein

OAS Minutes – April 2010

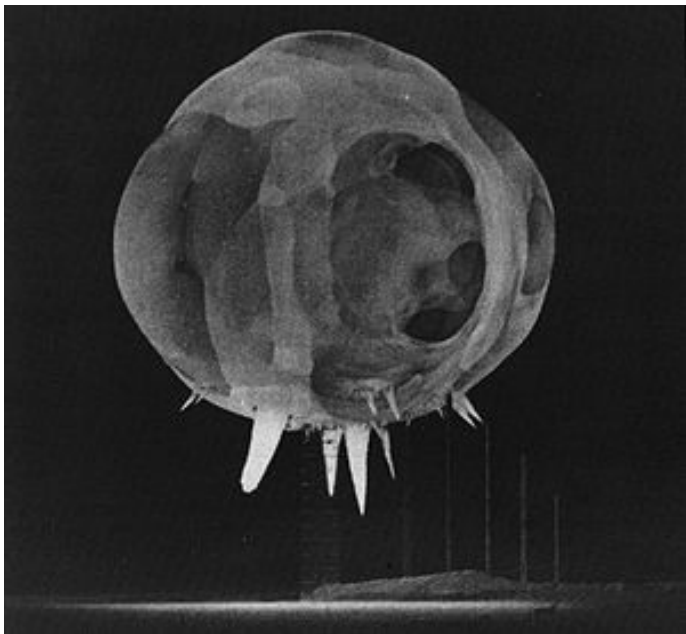
The March meeting of the Ogden Astronomical Society was held on March 11, 2010 in the Ott Planetarium at Weber State University. The meeting was called to order by President Dustin Klein at 7:36.

Member Lists were sent out with a paper copy of the Star Diagonal. We have a Star Party at Adams Elementary on 4/15. Our first Antelope Island Star Party for the year will be on 4/17. There is not a guest speaker scheduled for this one. OAS is now on Facebook. We have more than 60 Fans. We are posting our meetings and other public events on Facebook.

Ron Vanderhule was our speaker this month. He had several things that he had discovered online that he wanted to share with us. He started out giving a demonstration of several applications for the iPhone. The first was Starmap Pro. It is a deluxe interactive skymap. It has all of the IC, NGC and Messier catalogs as well as the complete SAO and Tycho-2 star catalogs. Next was Solar Walk a tour of the solar system. This app allows you to have an Orrery on your phone. You can view details of the planets as well as positions of the moons. The third app was 3D Sun. This app gives you continual updates on Solar activity. Next Ron presented some research he had done online about the Rapatron Camera. This camera was developed by Harold Edgerton in the 1940s. It was used to photograph the rapidly-changing matter in nuclear explosions within milliseconds of ignition.

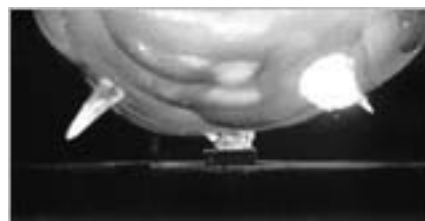
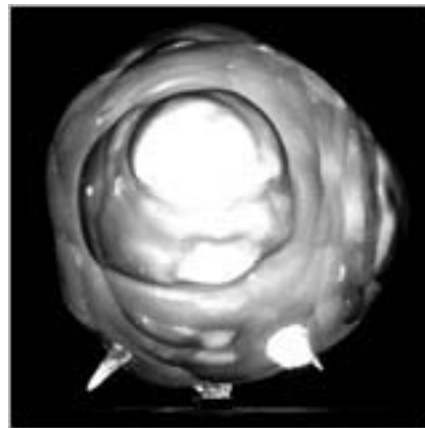
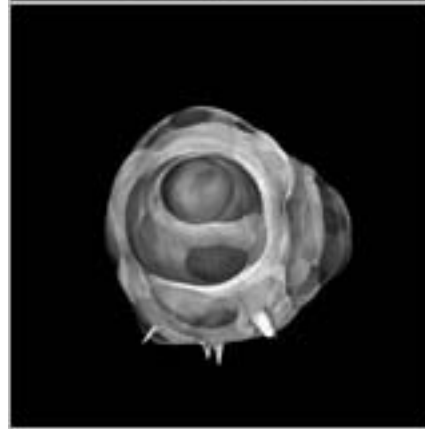


Rapatron Camera



The above is a picture take by the camera of an explosion.

Next is a sequence of frames within the first $1/10,000,000$ second of an atomic explosion exposed at $1/1,000,000$ of a second.



The last one is detail of the third picture from the sequence.

After Ron finished his presentation, we adjourned to Village Inn for some socializing.

Star Party Schedule

Proposed Public Parties

April 17 Antelope Island
May 8 Antelope Island
June 12 Antelope Island
August 14 Antelope Island
September 11 Antelope Island
October 2 Antelope Island

Requested Star Parties

May 5 NDPA
May 18 Adams Elementary
May 21 Crestview Elementary

Our Private Star Parties are as follows.

May 12-16 Dead Horse Point
June 3 – 6 Craters of the Moon
July 6-11 Monte Cristo
Aug 3-8 Monte or Uintas
Sept 1-6 Campout TBA
Nov 5-7 Curlew

Green Lasers for Sale

Kay Hargis has Jasper green laser pointers for sale. Kay purchased them at a volume discount. They are \$31 each and come with 2 AAA batteries and a plastic case. You can reach Kay at n7kh@juno.com.

For Sale

Wayne Sumner has the following:

4 – 9X50 right angle erect image finders scopes.
They are \$45 each.

12 – Laser collimators for \$25 each.

Please contact Wayne if you are interested.