

IO – May 2006

Issue # 2006-05

www.eugeneastro.org

Eugene Astronomical Society, Annual Club Dues \$25, Board Members: President: Richard Boyd- checkerkit@comcast.net, Stephen Caruana, Fred Domineack, Jacob Stranlien Sam Pitts- IO editor- sampitts@comcast.net 688-7330 Io (*EYE-oh*) is nearest to Jupiter and fastest orbiting of the four Galilean moons

EAS is a Proud Member of:



Monday- May 1st MEETING EUGENE ASTRONOMICAL SOCIETY At The Science Factory Planetarium

The meeting will begin at **7:00 PM** in the Planetarium. Final Planning for Astronomy May 6, 2006. EAS & its members are dedicated to having fun while pursuing the hobby of Astronomy, so come on out and have some fun visiting with others that share a passion for the night skies.

Come early and help others learn about their scopes. Those of you, who are new or not sure about your equipment, show up early and some of our members will assist you in understanding your equipment better. If you are planning on getting a scope please come out and ask questions, we're glad to assist you in making a good solid choice to maximize your viewing pleasure.

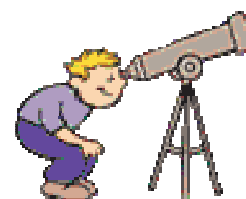
The Science Factory is at 2300 Leo Harris Parkway, behind Autzen Stadium.

Check EAS WEB site for up to the minute Information



Astronomy Day 2006

May 6th



Presented by Eugene Astronomical Society in conjunction with The Science Factory

Will be held at:

The Science Factory: 2300 Leo Harris Parkway, behind Autzen Stadium.

12:00 Noon till 6:00 PM

Outside Telescope Observing 8:00 -10:00 PM

Depending on Weather



May 4	May 13	May 20	May 26
First Quarter	Full Moon	Last Quarter	New Moon
Sunset: 8:19 PM	Sunset: 8:29 PM	Sunset: 8:37 PM	Sunset: 8:43 PM
Sunrise 5:59 AM	Sunrise 5:48 AM	Sunrise 5:41 AM	Sunrise 5:36 AM
Moon Set 2:34 AM	Moon Rise 09:41 PM	Moon Rise 02:28 AM	Moon Rise 04:49 AM
Mercury Rise 5:32 AM	Mercury Rise 5:35 AM	Mercury Rise 5:46 AM	Mercury Set 9:53 PM
Venus Rise 4:30 AM	Venus Rise 4:18 AM	Venus Rise 4:09 AM	Venus Rise 4:02 AM
Mars Set 1:04 AM	Mars Set 12:47 AM	Mars Set 12:26 AM	Mars Set 12:22 AM
Jupiter Rise 8:04 PM	Jupiter Rise 7:23 PM	Jupiter Rise 6:51 PM	Jupiter Rise 6:24 PM
Saturn Set 2:19 AM	Saturn Set 1:45 AM	Saturn Set 1:19 AM	Saturn Set 12:53 AM
Uranus Rise 3:49 AM	Uranus Rise 3:14 AM	Uranus Rise 2:47 AM	Uranus Rise 2:20 AM
Neptune Rise 2:49 AM	Neptune Rise 2:14 AM	Neptune Rise 1:46 PM	Neptune Rise 1:19 AM
Pluto Rise 11:05 PM	Pluto Rise 10:28 PM	Pluto Rise 10:00 PM	Pluto Rise 9:36 PM

All times are for Eugene, Oregon Latitude 44° 3' 8" Longitude 123° 5' 8" for listed Date

Events

MAY

1-7	Astronomy Week
4	Jupiter at Opposition
6	Astronomy Day
10	Comet Schwassmann-Wachmann 3-Y Near-Earth Flyby (0.062 AU)
12	Comet Schwassmann-Wachmann 3-V Near-Earth Flyby (0.053 AU)
13	Comet Schwassmann-Wachmann 3-AM Near-Earth Flyby / Asteroid 2004 BF68 Near-Earth Flyby (0.099 AU)
15	Comet Schwassmann-Wachmann 3-AB Near-Earth Flyby (0.054 AU)
16	Comet Schwassmann-Wachmann 3-AG Near-Earth Flyby (0.055 AU) / Asteroid 2006 GY2 Near-Earth Flyby (0.017 AU)
17	Comet Schwassmann-Wachmann 3-E Near-Earth Flyby (0.051 AU)
20	Cassini, Titan Flyby / Jet Propulsion Laboratory Open House, Pasadena, California
24	Asteroid 2004 DR8 Near-Mars Flyby (0.035 AU) / - 25th Annual Symposium on Telescope Science, Big Bear, California
25	45th Anniversary (1961), John F. Kennedy's Moon Goal Speech /
27	Comet Schwassmann-Wachmann 3-S Near-Earth Flyby (0.049 AU)
28	35th Anniversary (1971), Mars 3 Launch (USSR Mars Lander)
30	40th Anniversary (1966), Surveyor 1 Launch (USA Moon Lander)

All times Universal Time (UT), U.S. Pacific Coast Standard Time = UT - 8 hours.

Fred Domineck
A Very Dear Member of EAS
Suffered a Stroke & Aneurysm Saturday March 18th

Fred is in serious condition and had to under go a 2nd surgery in an attempt to relieve swelling.

Let us all take a moment and think of Fred and Pray for his recovery.

Our wishes and prays are with you Fred & Bonnie.

Obviously, Fred and Bonnie have been off work since Saturday when Fred's stroke occurred. This tragedy will leave them with some immediate financial need, and in this spirit (and with Bennie's approval); close friends Tanja & Steve have established a contributory account to assist them during this time. For those wishing to make a personal financial donation please refer to the information below:

**Visit *any branch* of Oregon Community Credit Union (formerly known as UlaneO)
ask to donate to the "Fred Domineack and Bonnie Murdock" Benefit Fund"**

**If you're out of town, you can send checks payable to: Fred Domineack and Bonnie Murdock
Benefit Fund
mailing address:**

**OCCU
PO Box 77002
Eugene, OR 97401-0146**

**Cards & letters can be sent in C/ O Fred & Bonnie to:
5232 Wales Drive
Eugene, OR 97402**

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Imaging The Sky Conference 2006

New Era for Astroimaging,
Affordable Dedicated Astroimaging CCD Cameras

Saturday

June 3, 2006

Oregon Museum of Science and Industry (OMSI)
1945 SE Water Street

Portland, Oregon Registration

Register early because seating is limited. Registration is \$30.00 by April 30, 2006 and in May and June it is \$40.00. To register send your name, address, email address and registration money (check made out to Imaging The Sky) to

Imaging The Sky Conference

Rick Kang,

PO Box 5795

Eugene, Oregon 97405

<http://www.stargazing.net/david/TTS/>

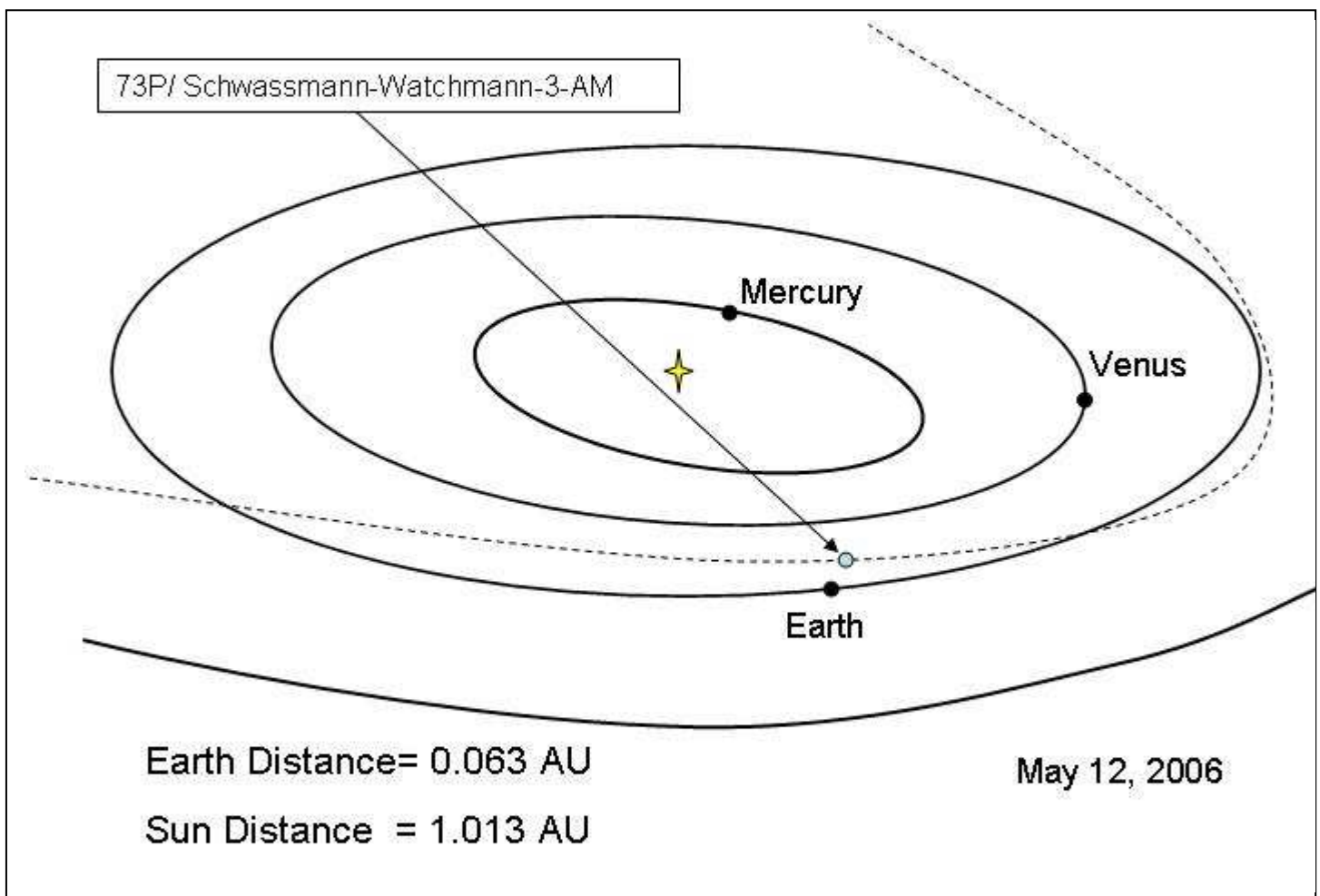
Opportunity to Participate at Professional Observatory

University of Oregon's Pine Mountain Observatory, east of Bend, will host public visitors again this summer, and needs the assistance of dedicated amateur astronomers to conduct tours on Friday and Saturday evenings, May 26th through September 30th. There are a wide variety of "jobs", from meeter-greeters (minimal astronomical knowledge necessary) to operators of the large telescopes, to lecturers, to gift shop sales staff. Benefits include access to observing through large professional instruments and availability of the astronomers' residence for dormitory facility. This is a great opportunity to learn first hand about observatory operations, learn more about astrophysics, and to share your knowledge and enthusiasm with the general public.

Training/certification sessions occur in late April and May. If you can commit for even just two or three weekends during the summer, that's a huge help, and we're encouraging tour guides to bring their own scopes if they wish. Contact Tour Chair, Greg Hogue, 541-771-6987, ghogue@bendcable.com, in Bend, see the FOPMO website, <http://pmo-sun.uoregon.edu/~pmo/>, or contact Rick Kang, rkang@efn.org, 541-683-1381, for information. Amateur astronomers from Bend, Eugene, and Portland have been the mainstay of the Tour-Guide team the past decade; we're always looking for new people!

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Fragment	Mag	Coma Diameter	DC	Tail Length	Instrument Required
C	8.0	5'	6	~30'	Binoculars
B	8.0	5'	3	~30'	Binoculars
G	12.5?	2'?	4		6-inch
R	~14?	20"?	?		?



Approximately 5.7 Million Miles from Earth

Comet Schwassmann-Wachmann 3

May 1 -15 2006

