

# ASTRAL PROJECTIONS

August 2011  
Volume 22 Issue 8

## Meeting Schedule

**August 13<sup>th</sup> Meeting:** Annual Picnic

Date: Saturday, 8/13/2011

Time: 3:00 PM - 7:00 PM

Location: Endreson Family Home

**September 9<sup>th</sup> Meeting:**

"Computerized Telescopes Basic Setups" Presented by John Endreson

Date: Friday, 9/9/2011

Time: 7:00 PM - 10:00 PM

Location: Robert J. Novins Planetarium, College Drive, Ocean County College, Toms River, NJ 08754



### A look inside this issue:

What's up this month? Page 2

Club Contacts. Page 3

Club Telescopes. Page 4

# ASTRA Picnic

ASTRA Members,

This year's ASTRA Picnic will be held at the home of John & Pam Endreson on Saturday August 13<sup>th</sup> from 3:00 PM to 7:00 PM at 722 Maple Road, Lanoka Harbor, NJ 08734.

### Menu

Hotdogs, Hamburgers, Sausage, and BBQ Chicken on the grill  
Baked Ziti, Pasta Salad, Garden Salad, Coleslaw, and Watermelon  
Pretzels, Potato chips, and Dips  
Sodas and Beer  
Cake, Cookies, and Coffee

The cost will be \$5.00 per person up to a max of \$15.00 per family.

Please let me know by Monday August 8<sup>th</sup> if you intend to attend by contacting me at (609) 971-3331 or [president@astra-nj.org](mailto:president@astra-nj.org)

If you want to help setup you can come at 12:00 PM or so.

We will have yard games, swimming, and solar observing.

Hope to see ya there,

John Endreson

# Whats up this month?

---

## August 2011 Celestial Events

**6<sup>th</sup>**: First Quarter Moon at 7:08  
EDT.

**11<sup>th</sup>**: Neptune at opposition.

**12<sup>th</sup>**: Perseid Meteor Shower peaks.

**13<sup>th</sup>**: Full Moon at 14:57 EDT.

**21<sup>st</sup>**: Last Quarter Moon at 17:56  
EDT.

**22<sup>nd</sup>**: Neptune reaches opposition  
and peak visibility.

**24<sup>th</sup>**: Fifth anniversary of Pluto's  
demotion to dwarf planet.

**28<sup>th</sup>**: Ganymede's shadow appears  
on Jupiter's disk at 1:36 EDT and  
New Moon at 23:04 EDT.

---

## ASTRA Public Outreach & Star Parties Schedule for August

### Lighthouse #5 Star Party

This is a private star party for ASTRA members and  
Earthwatch/Drexel students only.

Date: 8/12/2011

Time: 6:00 PM - 11:00 PM

Location: The Lighthouse Center, 7th Street & Navajo Dr,  
Waretown, NJ 08758

### Jakes Branch Summer #2

This is a night under the stars at beautiful Jake's Branch Park.  
Come one, come all. They even turn the lights out for us!

Date: Saturday, 8/20/2011

Time: 8:00 PM - 11:00 PM

Location: Jakes Branch County Park, Double Trouble Road,  
Beachwood, NJ 08722

**Check the online message board on the date of the star  
party for up to date information on these events.**

---



Astronomical League National Headquarters  
9201 Ward Parkway; Suite 100  
Kansas City, MO 64114  
1-816-333-7759 or [www.astroleague.org](http://www.astroleague.org)

The REFLECTOR is published in March, June, September and  
December. If you do not receive your copy of the  
REFLECTOR magazine, contact Astronomical League  
Coordinator (Alcor)  
Ro Spedaliere (Treasurer@astra-nj.org)

# Astro Humor

## **Astronomical Items for Sale, or Help Wanted Advertisements:**

If you have an item to Sell, or need help with an astronomical problem (a question, or Telescope setup) contact the President [President@astra-nj.org](mailto:President@astra-nj.org) to announce it at a meeting and send the advertisement to the newsletter (See Newsletter below).

**Newsletter:** E-mail material (Meeting reports, Observing reports) to [Newsletter@astra-nj.org](mailto:Newsletter@astra-nj.org)

## **EXECUTIVE BOARD**

**President** – John Endreson,  
[President@astra-nj.org](mailto:President@astra-nj.org);

**Vice President-Secretary** – Bob Salvatore, [VP@astra-nj.org](mailto:VP@astra-nj.org);

**Treasurer** - Ro Spedaliere,  
[Treasurer@astra-nj.org](mailto:Treasurer@astra-nj.org);

**Newsletter Editor** – Maria Class,  
[Newsletter@astra-nj.org](mailto:Newsletter@astra-nj.org);

**Webmaster** – Donald Durett,  
[Webmaster@astra-nj.org](mailto:Webmaster@astra-nj.org).

Check us out on Facebook, search groups for ( ASTRA Astronomy ) and look for our logo.



Courtesy of Bob Salvatore

---

## ASTRA Library of Books & DVD's

The following books and DVD's are available to borrow for one month at a time. Request for these items must be made prior to our regular meeting and returned the following meeting. Please e-mail your request for these items to John Endreson at [President@astra-nj.org](mailto:President@astra-nj.org)

### **BOOKS**

1) **The National Air and Space Museum** Second Edition by C.D.B. Bryan

2) **Milestones of Aviation** Smithsonian Institution National Air and Space Museum

3) **New Atlas of the Moon** by Serge Brunier (Author), Thierry Legault (Photographer).

4) **Encyclopedia of space** by National Geographic

5) **The Real Mars** by Michael Hanion

### **DVD's**

1) **Parts 1&2 Understanding the Universe What's New in Astronomy 2003** Taught by: Professor Alex Filippenko. Each part has 8 lectures, 45 minutes per lecture.

2) **Parts 1 to 5 Understanding the Universe An Introduction to Astronomy** Taught by: Professor Alex Filippenko each part has 8 lectures, 45 minutes per lecture.

### 3) **COSMOS**

In his "ship of the imagination," Carl Sagan guides us to the farthest reaches of space and takes us back into the history of scientific inquiry in the course of 13 fascinating hours.

For a complete list of books and DVD's, visit our website or e-mail John Endreson at [President@astra-nj.org](mailto:President@astra-nj.org)

---

## Club Telescopes



A.S.T.R.A. owns four small telescopes

6-inch Dobsonian

8-inch Dobsonian

80mm Celestron Refractor

120mm EQ AstroView Refractor.

These telescopes are available for club members to borrow and use for a month or two at a time.

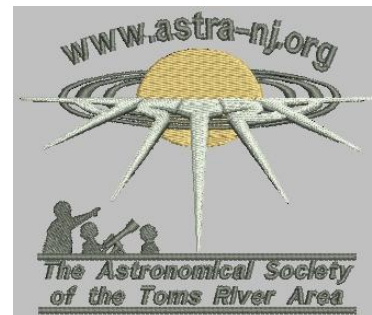
## Wanted!

No longer used telescopes, Telescope parts, and accessories.

E-mail John Endreson at [President@astra-nj.org](mailto:President@astra-nj.org)  
We will come and pick-up your used equipment.

---

## ASTRA-WEAR: For Embroidered and/or Printed items With the ASTRA Logo



You can see some samples at ASTRA meetings. To order by mail: Shelter Cove Embroidery Co. 1333 Bay Ave Toms River, NJ 08753 call 732-506-7700 or E-mail [astra-wear@estitches.com](mailto:astra-wear@estitches.com)