

Skyscrapers, Inc. presents



AstroAssembly 2013

Automated Observatories & Remote Astronomy

October 4th & 5th

47 Peepthead Road
North Scituate, Rhode Island

www.theSkyscrapers.org/AstroAssembly2013

Friday Evening Informal Talks & Stargazing

At Seagrave Memorial Observatory

Talks begin at 7pm. Anyone wishing to give an informal talk (15 minutes or less) on Friday night, October 4th should contact Bob Horton at Robert_Horton@brown.edu.

Pomfret's Olmsted Observatory: From Manual to Robotic in Five Years

Josh Lake

Imaging the ISS--It's Easier Than You Think!

Bob Horton

New Views of the Solar System Thanks to 21st Century Technology

Steve Hubbard

Recent Upgrades at Margaret M. Jacoby Observatory

Brendan Britton

Saturday Program

All day at Seagrave Memorial Observatory

Also featured: Swap Tables, Solar Viewing, Astrophotography Contest, Homemade Telescope Exhibit (bring your telescope) and the whimsical Astro Bake-off Contest!

10:00am The Amateur Astronomer's Equipment of the 1960s

Ed Turco

11:00am Astrophotography on The Cheap

Scott MacNeill

12:00pm Lunch at the Skyscrapers Grill

1:15pm MEarth Project: Super-Earths Transiting Nearby Low Mass Stars as Laboratories for Exoplanetary Science

Zachory Berta-Thompson

2:30pm The Best of all Worlds: Creating Unique and Original Hybrid Images from Professional and Amateur Data Sources (with emphasis on mining the Hubble Legacy Archive)

Robert Gendler

3:45pm Harvard's MicroObservatory Project

Frank Siekiewicz

Saturday Evening Program

At North Scituate Community Center

5:00pm Reception, Hors d'oeuvres served

5:45pm Evening Banquet (pre-registration required)

7:00pm Words of Welcome, Awards, and Raffle Prizes

7:30pm A Preview of Seagrave Observatory's Centennial, 1914 to 2014

Dave Huestis

7:45pm Honorary Awards

8:00pm The Design, Construction and Use of a Large Private Research Observatory

Mario Motta

Dr. Mario Motta has been an amateur astronomer and friend of Skyscrapers for many decades. When he and his wife decided to build a house on the North Shore of Massachusetts, Mario decided an integral observatory was essential. In this talk he will describe the design and construction of the telescope and observatory. For years Mario has used the instrument to obtain spectacular deep sky images which he will share with us. However as President of the AAVSO he also uses the observatory for variable star research. Mario will describe the current variable star images he takes and will share ways amateurs can use AAVSONet for their own variable star research. AAVSONet is a network of remotely operated instruments which is used to obtain images used to determine brightnesses of variables and which can be used to report brightnesses to headquarters.

Name _____

Address _____

Registrations x \$20 each \$ _____

Registrations (children under 12) Free

Banquet tickets x \$20 each \$ _____

Banquet tickets (children under 12) x \$10 each \$ _____

Send completed form and check (made payable to Skyscrapers Inc.) to:
Linda Bergemann 41 Ross Hill Road, Charlestown, RI 02813-2605

Total \$ _____