

Astronomy Overnight Camp at Pine Mountain Observatory

Join us with your whole Family on August 12-14th at the Evergreen Space Museum and Pine Mountain Observatory for a beginners overview of Astronomy!

August 12 Evergreen Space Museum

Instructors will provide novice astronomers with background on the scientific study of celestial objects. The first day will include:

- Hands-on demonstration of digital imaging
- Overview of light and the star cycle
- Getting started using binoculars & telescopes (you may bring your own, several Dobsonian telescopes will be available for use)
- Portable planetarium constellation guide with Pam Chambers
- How to use a conventional constellation map as well as online constellation and planet maps
- No prior astronomy knowledge or experience is required for the camp. It includes an showing of *Hubble 3D IMAX*® Film

August 13 - 14 Pine Mountain Observatory

Located 26 miles SE of Bend, Oregon

PMO is a University of Oregon facility for astronomy education and research. The observatory consists of three Cassegrain reflecting telescopes, with mirrors of 15", 24" and 32" diameters, each in its own domed building.

At sunset, a tour-guide will give a presentation inside the 32" building about basic astronomy. The audience learns what astronomers do and how they do it including how the telescopes and digital CCD Cameras work.

After dark, tour-guides show visitors objects through the various telescopes, CCD Cameras and a pair of giant binoculars. They will also point out various objects of the night sky visible with naked eye. Amateur astronomers are welcome to bring their own telescopes and binoculars, electrical power is available.



Photograph by Wolfram Burner

Cost: Un-Accompanied Youth \$100
(Includes chaperones, food & transportation)
Family Members \$25
(Includes session & camp attendance only)



EDUCATION PROGRAMS

For More Information, please contact: **EVERGREEN**
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