

TECHNICAL TALK SCHEDULE
2008 STELLAFANE CONVENTION

Saturday, August 2nd, 2008, 2:00 p.m. in the Flanders Pavilion.

"The CHiefspiegler (Jones-Herschelian) and Jones-Yolo" by Ed Jones

Ed Jones will talk about CHiefspiegler, a term he coined for Catadioptric Herschelians, which is a new design he discovered while making a window (unobstructed) telescope. This design uses two correcting lenses, similar to the Schiefspiegler arrangement built by George Dittie, which Ed Jones has applied to a Yolo version. Ed Jones will describe how an ordinary Newtonian can be converted into an unobstructed and fully baffled CHiefspiegler telescope, thus making it the fastest Schiefspiegler design available.

"Some Lesser-known Massachusetts Telescope Makers of the 19th & early 20th Century" by Ken Launie

In this, the telescope's 400th year, there is increased interest in the history of the telescope. Much of the earliest American telescope making history can trace its roots to individuals who were self-taught amateurs-turned-professional, who were either born in or worked in Massachusetts. Many people are aware of the work of Alvan Clark and Henry Fitz, but Amasa Holcomb, R.B. Tolles, John Clacey and Joel Hastings Metcalf also made significant contributions that are remembered by too few.

"Astro Imaging - Great Results from Light Polluted Skies" by Neil Fleming

www.flemingastrophotography.com

Agenda:

- Light pollution? Why even try?
- Differences between regular RGB imaging and Narrowband imaging
- Principles for capturing good data
- Initial processing workflow - CCDStack
- Final processing workflow - Photoshop

"The Stellafane-Donation-Scope (SDS): Giving Back to Those Who Gave Us Amateur Telescope Making" by Robert Teeter

Rob Teeter will chronicle this one of a kind project that teamed him, Astronomy Technology Today magazine and nearly two dozen equipment vendors to bring together a "dream telescope" to benefit the Stellafane convention. The program will highlight the design process, the solicitation of components, the construction steps and will conclude with the official unveiling of the 12.5" f/4.8 Stellafane-Donation-Scope (SDS).