

## 2009 STELLAFANE CONVENTION

# CHILDREN'S PRESENTATIONS

There will be four 1-hour astronomy workshops for children held in the McGregor Observatory during the 2009 Stellafane Convention (**Friday, August 14<sup>TH</sup> at 11:00 a.m. & 3:00 p.m. and Saturday, August 15<sup>TH</sup> at 11:00 a.m. & 3:00 p.m.**). These astronomy workshops have been held at the Stellafane convention since 1995. Led by Dr. Kristine Larsen, of Central CT State University and member of the *Springfield Telescope Makers*, each of the four 1-hour workshops includes several activities geared for children ages 5 - 12. Younger children are welcome but will need help from a parent. Each workshop has a different astronomical theme. Please inquire at the McGregor Observatory for the theme for each specific workshop. Due to space limitations, each workshop is limited to 25 children on a first-come basis.

## ASTRO IMAGING SEMINAR

Friday and Saturday Nights, if clear.

Near the Ash Dome, to the South of the McGregor Observatory in the main observing field.

### **Imaging with a Mallincam Color Hyper Plus (MCHP) by Neil Fleming, 8:00 p.m. - ???**

A noted astrophotographer, specializing in the capture of very high-quality images from light polluted locations, such as those in the Boston area, Neil Fleming will give a demonstration of his work with the Mallincam Color Hyper Plus video camera. The Mallincam is a sensitive video camera used for greatly increasing the effective aperture of your scope by allowing the capture of incoming light over multiple seconds. With settings for 7, 14, 28 and 56 seconds, The Mallincam can capture, and display, objects many times fainter than you can see through your eyepiece!

Although most observers stick to a real-time visual display of objects, it is possible to capture incoming exposures, and either stack and process them later, or have software gather images as they come in and stack them in real time! Fleming will set up his equipment and demonstrate the use of the MCHP, the real-time capture of images, as well as image post-processing.

Please see other side.