

2010 Stellafane Convention



The 75th Convention of Amateur Telescope Makers on Breezy Hill in Springfield, Vermont
 Thursday, August 5th to Sunday, August 8th, 2010
 43° 16' 41" North Latitude, 72° 31' 10" West Longitude



"For it is true that astronomy, from a popular standpoint, is handicapped by the inability of the average workman to own an expensive astronomical telescope. It is also true that if an amateur starts out to build a telescope just for fun, he will find before his labors are over that he has become seriously interested in the wonderful mechanism of our universe. And finally there is understandably the stimulus of being able to unlock the mysteries of the heavens by a tool fashioned by one's own hand."

Russell W. Porter, Founder of Stellafane, March, 1923

SCHEDULE OF EVENTS

Thursday, August 5th:

8 am-10 pm: Lunar Morphology Workshop at Hartness House
 3 pm-10 pm: Convention Early Entry

Friday, August 6th:

9 am: Registration Gate Open
 10 am-6 pm: Shuttle Bus Operates
 11 am: Astronomy Activities for Kids in McGregor Obs.
 12 pm-6 pm: Mirror Grinding Demonstrations near Pavilion
 1 pm: ATM Demo Talk in Pavilion
 1:30 pm: Horseshoe Pitching Contest near Pavilion
 2 pm: ATM Demo Talk in Pavilion
 3 pm: ATM Demo Talk in Pavilion
 3 pm: Tour the Turret Telescope (meet at Turret) <A1>¹
 3 pm: Astronomy Activities for Kids in McGregor Obs.
 4 pm: ATM Demo Talk in Pavilion
 4:15 pm: Solar System Walk near Clubhouse <A2>¹
 5 pm: Stellafane for Beginners in McGregor Obs. <A3>
 5 pm-8 pm: Registration for Optical Competition ¹
 5pm-8 pm: Hartness House Museum Open
 8:30 pm: Informal Talks in Pavilion
 10 pm: Learning and Enjoying the Night Sky in McGregor Obs.
 10 pm: Optical Competition Begins near Clubhouse ¹
 10 pm: Registration Gate Closes

¹ - Event takes place in or near the Pink Clubhouse.

² - Only if the competition is clouded out on Friday!

³ - Advanced Amateur Telescope Maker talk.

Sequences marked in brackets (ex: <A1>) are scheduled so that you can attend the entire sequence with similar topics, and will be near the next events at the end of the previous.

Saturday, August 7th:

7 am: Registration Gate Open
 7 am-5 pm: Swap Tables Open
 8 am-9:30 am: Registration for Mechanical Competition ¹
 9 am-5 pm: Shuttle Bus Operates
 9:30 am-1 pm: Mirror Grinding Demonstration near Pavilion
 10 am-1 pm: Mechanical Competition near Clubhouse ¹
 10:30 am: Telescope Field Walk near Clubhouse <B1>¹
 10:30 am: Stellafane for Beginners in Pavilion
 11 am: Astronomy Activities for Kids in McGregor Obs.
 11:45 am: OSLO Optical Design Workshop in Pavilion ³
 11:30 am: Tour the Turret Telescope (meet at Turret) <B2>¹
 12:30 pm: Solar System Walk near Clubhouse <B3>¹
 12:30 pm: Dipper Full of Starts in McGregor Obs.
 1:30 pm: Basic Collimation for Beginners in McGregor Obs.
 2 pm-5 pm: Technical Talks in Pavilion ³
 3 pm: Astronomy Activities for Kids in McGregor Obs.
 5pm: Introduction to Telescopes for All Ages in McGregor Obs.
 5 pm-8 pm: Registration for Optical Competition ^{1,2}
 7 pm: Evening Program Begins in Amphitheater
 10 pm: Discover and Enjoy the Sky in McGregor Obs.
 10 pm: Optical Competition Begins near Clubhouse ^{1,2}

Sunday, August 8th:

8 am-12 pm: Convention Cleanup
 9 am-12 pm: Hartness House Museum Open

The events in the shaded boxes are specially geared to beginning amateur astronomers and amateur telescope makers.

AMATEUR TELESCOPE MAKING - MIRROR GRINDING DEMONSTRATION

There will be a HANDS-ON mirror making demonstration Friday from Noon until 6 pm outside of and to the North of the Flanders Pavilion. Gain first-hand experience working on mirrors at every stage of grinding, polishing and testing. Experienced ATMs will help explain each step of the process. The demonstration will continue Saturday at 9:30 a.m. until 1 pm.

AMATEUR TELESCOPE MAKING - SHORT TALKS

There will be a series of short talks on various ATM topics Friday in the Flanders Pavilion, every hour on the hour, during the ATM demo. The purpose of these talks will be to describe, in detail, the procedures that will be demonstrated during the ATM demo and to introduce beginner ATMs various introductory subjects. Please check stellafane.org for the titles of the talks as the convention approaches.

SATURDAY TECHNICAL TALKS

The Saturday afternoon program begins in the Flanders Pavilion at 2 p.m. Wayne Zuhl, of the *Springfield Telescope Makers*, will be Master of Ceremonies.

CHILDREN'S ACTIVITIES

There are several astronomy related classes for children ages 5 to 12 which will take place in the McGregor Observatory. Please consult the schedule for the times.

HORSESHOE PITCHING CONTEST

The Stellafane horseshoe pitching contest is scheduled for 1:30 p.m. Friday near the Pavilion. There will be adult and kids competitions. "Astro" prizes will be awarded.

STELLAFANE ENDOWMENT FUND

The Endowment Fund will one day guarantee that Stellafane can pay unavoidable costs due to a catastrophic event or if the convention cannot be held. For info please go to the Pink Clubhouse or stellafane.org. All contributions to the endowment fund are tax deductible. *Thanks!*

THE FAMOUS STELLAFANE RAFFLE

Help support the convention and have fun by participating in our raffle. Thousands of dollars in prizes, including books from Willman-Bell and eyepieces from Televue, are provided yearly by gracious contributors. Tickets are available at the T-shirt table and from designated STM members roaming the grounds. Your dollar goes a long way!

PLEASE SUPPORT THE FLANDERS PAVILION

Following the tradition set down by our founder, Russell W. Porter, the *Springfield Telescope Makers* continually work to improve the Stellafane convention. Our new Flanders Pavilion has been a big hit! However, the *Springfield Telescope Makers* need your help to raise the funds necessary to pay off the loan that was needed to complete the Pavilion. If you are interested in donating to this project please go to stellafane.org for details. Thanks!

FRIDAY EVENING INFORMAL TALKS

Friday evening, August 6th, at 8:30 p.m. Carl Malikowski, of the *Springfield Telescope Makers*, will conduct the informal talks in the Flanders Pavilion. If you wish to contribute a short talk during this session, you must submit a brief description of your planned presentation with your registration payment or at stellafane.org. Talks are limited to 10 minutes and 20 slides. The time limit will be strictly enforced! A 35-mm slide projector, overhead projector, VCR, and a digital projector will be available for your use. Note that if you plan to use the digital projector, you must bring your own laptop.

SATURDAY EVENING PROGRAM

The evening program will begin at 7 p.m. Saturday in the hillside amphitheater. Bob Morse, of the *Springfield Telescope Makers*, will be master of ceremonies.

- Greetings, announcements and raffle drawing
- Stellafane Shadowgram: John Gallagher
- Presentation of telescope competition awards
- **Stellafane Keynote Talk: Dr. Constance "Connie" Rockosi**, an Assistant Professor of Astronomy and Astrophysics at UC Santa Cruz and Assistant Astronomer at UCO/Lick Observatory, who worked on the SDSS

Dr. Rockosi will discuss her experiences working on the Sloan Digital Sky Survey (SDSS). The SDSS mapped the Northern sky by building a dedicated 2.5mm telescope, mosaic CCD imaging camera, and multi-fiber spectrographs. It created multi-color images of the sky and three-dimensional maps of the distribution of galaxies that have been used to make discoveries about the most distant quasars, the stars in our Milky Way galaxy, and just about everything in between. She will cover her experiences as part of the team that built the telescope and CCD camera, as well as the new knowledge gained from SDSS data, including discoveries by amateur astronomers working with the public data.

THE PORTER/HARTNESS MUSEUM OF AMATEUR TELESCOPE MAKING

The Porter/Hartness Museum of Amateur Telescope Making is located in the underground rooms at the Hartness House Inn. Visit the museum on Friday or Sunday (see the schedule of events). **Admission is free.** Follow the signs in town. Many of the items on display are by or about Russell W. Porter, including the Springfield and Garden telescopes. His artwork traces his arctic exploration years to his work on the 200" Palomar telescope, culminating in his famous cutaway drawings. Other items of interest include early telescopes and mirror making parts. The Hartness turret telescope, with its 10" Brashear objective, may also be inspected.

JEANNE KRZYWICKI LIBRARY

The Jeanne Krzywicki Library, in the McGregor Observatory, will be open throughout Convention, unless the room is otherwise occupied by convention events.

2010 STELLAFANE CONVENTION
BEGINNER PRESENTATIONS

"Tour of the Russell Porter Turret Telescope" by Brad Vietje & John Gallagher

Friday, August 6th, 3:00 p.m. & Saturday, August 7th, 11:30 a.m.

Meets at the Turret Telescope

Located at the summit of Breezy Hill, immediately to the North of the Stellafane Pink Clubhouse, the Russell Porter Turret Telescope is one of three known "turret telescopes." The primary advantage of this type of telescope is that the observers are inside of the observatory building, protected from the cold temperatures of long winter nights and biting mosquitoes of summer nights.

Brad Vietje and John Gallagher, both members and past presidents of the *Springfield Telescope Makers*, will talk about the history of the Turret Telescope and demonstrate how the telescope is used and observe the Sun, if the weather permits and the Sun obliges by displaying some sunspots.

"Solar System Walk" by Roger Williams

Friday, August 6th, 4:15 p.m. & Saturday, August 7th, 12:30 p.m.

Starts behind the Pink Clubhouse near the green shed

To illustrate the vast size of outer space, the *Springfield Telescope Makers* have constructed a scale model of the solar system, based on the Sun being 12 inches in diameter. At that scale, the Earth would be approximately 1/10 of an inch in diameter and 107 feet from the Sun. Jupiter would be 1.2 inches in diameter and approximately 560 feet from the Sun.

The "Solar System Walk" begins behind the Pink Clubhouse and proceeds down the road going towards the Stellafane camping area. At the appropriate distance, from the scale model of the Sun, there are stations with the appropriate planet, built to scale, and a short description of each planet. The Solar System walk can be taken on your own at any time during the convention. However, a guided walk is available at the times mentioned above, when docent Roger Williams will provide additional information about the "Solar System Walk" and each particular planet. The walk takes approximately 3/4 of an hour, if you walk all the way to the planet Neptune, with a total distance of 3232 ft, or a little over 1/2 of a mile.

"Stellafane for Beginners," by Kim Keegan, Dennis Cassia, & Gary Cislak

Friday, August 6th, 5:00 p.m. in the McGregor Observatory &

Saturday, August 7th, 10:30 a.m. in the Pavilion

Are you familiar with these terms: "The Pink," "Tent Talks" or "The Turret?" If not, if this is your first time attending the Stellafane convention or if you are returning and want to learn more about who the *Springfield Telescope Makers* are, as well as what is going on during the convention, then this presentation is for you. Topics include, but are not limited to: A short history of Stellafane, a description of our site, including the buildings and landmarks, descriptions of the scheduled talks and activities, services available at Stellafane, local services off site, etc., in addition to answering any questions you may have about the convention.

"Learning and Enjoying the Night Sky," by Alan French

Friday, August 6th, 10:00 p.m. in the McGregor Observatory

To naked-eye observers, the dome of the night is the backdrop for ancient tales of gods and heroes embodied by the constellations. These starry figures give us a framework for following the paths of bright comets, satellites, and wandering planets. When exploring the sky with binoculars and telescopes, they become handy landmarks for tracking down celestial wonders invisible to the eye alone. During this presentation, Alan French will introduce the constellations, or help you expand your knowledge. He'll provide helpful hints, star map recommendations, and a kit to make a simple planisphere to aid your study. Weather permitting, there will be a constellation tour.

Schedule Continues on Back

2010 STELLAFANE CONVENTION
BEGINNER PRESENTATIONS

“Telescope Field Walk,” by John Vogt and Carl Malikowski
Saturday, August 7th, 10:30 a.m., meets in front of the Pink Clubhouse.

During the “Telescope Field Walk,” John Vogt and Carl Malikowski, experienced Amateur Telescope Makers, will guide small groups through the fields around the Pink Clubhouse, where the telescopes that will be participating in the mechanical competition will be set up. They will describe the various types of optical designs and mounting configurations that will be on display, point out the subtle details that go into award winning telescopes and be available to answer your questions.

“Dipper Full of Stars: A Tour of the Night Sky,” by Richard Sanderson
Saturday, August 7th, 12:30 p.m. in the McGregor Observatory

Using stunning images of constellations, planets, and celestial objects, Richard Sanderson will lead an interpretive tour of the summer nighttime sky. He will describe how the sky appears to move throughout the night and from season to season, and explain the significance of the North Star. He will speculate about life on other worlds and show many of the prominent summer constellations. The presentation is aimed at beginners of all ages.

“Basic Collimation for Beginners,” by Phil Harrington & Carl Lancaster
Saturday, August 7th, 1:30 p.m. in the McGregor Observatory

“Collimation,” the process of ensuring that the optics of a telescope are aligned correctly, is critical to ensure that a telescope is providing the best images that it is capable of. This process may appear to be in the genre of advanced amateur astronomers but, in reality, is not nearly as difficult as you might think. This hands-on workshop will discuss the basic steps beginners can take to ensure that the optics of their telescope are properly aligned and adjusted.

If you are interested in learning how to collimate the optics of your telescope, set your telescope up in the observing field immediately to the South of the McGregor Observatory before 1:30 p.m. on Saturday, August 7th. Then, attend the brief class room lecture on basic collimation in the McGregor Observatory at 1:30 p.m. After this brief lecture, Phil Harrington & Carl Lancaster will escort the group, weather permitting, out to the observing field to inspect each participant’s telescope and demonstrate the collimation process.

“An Introduction to Telescopes for All Ages,” by Glen Chapel & Alan French
Saturday, August 7th, 5:00 p.m. in the McGregor Observatory

Adults and youngsters often become interested in astronomy and acquiring a telescope for exploring the heavens. With the plethora of telescopes on the market, buying your first telescope, or a telescope for a child, can be intimidating. In this program, Glen Chapel and Alan French will cover telescope basics (types, mounts, and eyepieces), telescopes suitable for children, and introduce you to observing and finding sights in the night sky.

“Discover and Enjoy the Sky,” by John Briggs
Saturday, August 7th, 10:00 p.m. in the McGregor Observatory

The beauty of the night sky is a driving motivation for telescope making, the Stellafane convention and astronomy in general. John W. Briggs, a physics & astronomy instructor at Clay Science Center, will show how to become oriented in the sky using popular references, recent new software and other tools of astronomy. The presentation will be appropriate for all ages. Weather permitting, after the program the group will use the historic 5-inch Alvan Clark refractor, originally installed at Abbot Academy in 1875.

2010 STELLAFANE CONVENTION
TECHNICAL TALKS

Saturday, August 7th, in the Pavilion

2:00 to 2:45 p.m.

Title: "Schiaparelli's classic study of Mercury, in the light of CCD imagery."
By William Sheehan, John Boudreau, and Alessandro Manara

In the 1880s, Giovanni Schiaparelli, director of the Brera Observatory in Milan and already famous for his mapping of Mars, undertook a long and careful study of the innermost planet, Mercury. He had a keen eye, a good telescope, and introduced the daylight study of the planet. He was able to make out delicate features on the planet's surface and after a series of observations occurring over a period of seven years, produced a planisphere, announced that the rotation period of the planet was the same as the orbital period, 88 days, and also that the surface was obscured by dust or vapors leading to his conclusion that the planet had an atmosphere more substantial than that of Mars.

His work would be confirmed and re-confirmed by later observers of the visual era. But, as was first discovered by radio astronomers in 1965, Schiaparelli got the rotation period and everything else all wrong. The anatomy of what led to Schiaparelli's magnificent failure is presented through a detailed reevaluation of the original drawings recorded in his observing logs in the light of CCD images of the planet obtained under nearly identical observing conditions. The result is to fundamentally vindicate Schiaparelli's data while at the same time showing how the problems he set himself to resolve exceeded the threshold of human capability for an observer equipped with eye, sketchpad, and telescope.

2:45 to 3:30 p.m.

"Which Way is Up"
By Bob Bower

The talk will describe the very colorful history of the two 16 inch glass blanks which will be used in Bower's next telescope construction project, a Newtonian-binocular. It will include Royalty, a sea battle, "The Man who bought a Navy", and the Orkney Islands.

3:30 to 4:15 p.m.

"Re-Constructing the Weight Drive for the 8 1/4 Inch Alvan Clark at Seagrave Obs."
By Allen Hall

By the year 1980, many of the components to the Weight Drive for the Grand Old Alvan Clark refractor at Seagrave Memorial Observatory, in North Scituate, RI, had been lost or destroyed. This talk will chronicle efforts to restore the original weight drive system to the telescope, and the steps taken to reverse engineer all of the original system components from old photographs.

4:15 to 5:00 p.m.

"Best Targets for Astrophotography at Stellafane"
By Ruben Kier

Ruben Kier's lecture will focus on the choice of celestial objects for astrophotography, especially objects situated for imaging at this year's Stellafane convention. In choosing targets for imaging, amateur astro-photographers should seek out compositions that inspire the viewer. Furthermore, the object should be bright enough to image with an average CCD camera through a backyard telescope during a single evening. The target needs to be large enough to show detail and high enough in the sky to be captured from northern latitudes. Some of the best compositions include a second object to create a more dynamic image. With careful planning and proper choice of targets, amateur astronomers can obtain excellent images rivaling those obtained by professionals.

2010 STELLAFANE CONVENTION
IMPORTANT POLICIES

Generator Policy

Due to noise, the *Springfield Telescope Makers, Inc.* ask that portable generators not be used during the *Stellafane* convention. There are outlets along the walls of the both the McGregor Observatory and the Flanders Pavilion that may be used for recharging batteries; however, the *Springfield Telescope Makers, Inc.* accepts no responsibility for unattended property.

Policy for PETS

The *Springfield Telescope Makers, Inc.* welcomes you to bring your pets to the *Stellafane* convention, provided the following rules are followed:

- Pets must be confined, leashed or otherwise under the physical control of a person at all times. Leashes may not exceed 6 feet in length. Pets that are tethered at the campsite cannot be left unattended for more than 30 minutes. Pets may not be tied to trees, bushes, tables or shelter facilities, even when the owners are present.
- Pets must be well-behaved at all times. Pets must be confined in the owner's camping unit during quiet hours (11 PM - 8 AM).
- Pet owners are required to pick up after their pets and properly dispose of all pet droppings in trash receptacles.
- Any pet that is noisy, dangerous, intimidating or destructive will not be allowed to remain at the Convention.

Failure to comply with the above rules will result in you and your pet being asked to leave the convention and may be escorted from the premises by convention security. The *Springfield Telescope Makers, Inc.* thank you in advance for helping to make the *Stellafane* convention more enjoyable for everyone. Enjoy the convention!

Please bring your own batteries if necessary. They are not available through the *Springfield Telescope Makers, Inc.*

Red filter paper for flashlights is available in both the Bunkhouse and the Pink Clubhouse.
Thank you!

STELLAFANE LIGHTING POLICY

Stellafane does not allow open white lights on clear nights, except for ½ hour after the Friday and Saturday evening talks end. Vehicular travel after this time is strongly discouraged and is done only at the risk of the operator. We thank you for your cooperation.

FAMILY SERVICE RADIOS

The convention staff uses family service radio channel 7 to facilitate communications during the convention. Please avoid using this channel when you are at the convention site. Of course, if you have an emergency please contact the staff via channel 7.

Please see the Swap Table Policies on the back of the bulletin.

POLICIES REGARDING OPTICAL JUDGING ENTRIES

REGISTRATION for the optical competition will take place on Friday from 5 p.m. to 8 p.m. in the Pink Clubhouse. In addition, you are encouraged to register your telescope via the Stellafane web page. Keep in mind that if you register your instrument via the web, you must still check in at the Pink Clubhouse Friday from 5 p.m. to 8 p.m. or your telescope will not be judged! Set up your scope on Breezy Hill before you check in at the Pink Clubhouse and inform the judges of the location of your scope. If the position of your scope changes it is your responsibility to report its new location to the judges in the Pink Clubhouse.

All telescopes in the competition must be fitted with an eyepiece with a focal length, in millimeters, approximately equal to the focal ratio of the instrument. Your instrument must be properly collimated before judging begins at 10 p.m. Also, be prepared to point your scope at the star Altair when the judges arrive. Please note that the judges may inspect your telescope more than once. Therefore, you should remain on the field with your instrument until the preliminary results are announced via loudspeaker.

If weather permits the completion of the judging on Friday night, the optical judging will be closed for the duration of the convention and optical awards will be presented during the Saturday evening program. If the optical judging cannot be completed Friday night, it will be continued on Saturday night, weather permitting. Additional optical entries may be accepted on Saturday, at the discretion of the judges. To inquire about this possibility, please ask a judging representative in the Pink Clubhouse from 8:30 a.m. to 10 a.m. or from 5 p.m. to 8 p.m. on Saturday.

In the event that the competition will have to be continued Saturday, some telescopes that were judged on Friday might need to be judged again. Please inquire with the judges if your scope will need to be available again on Saturday. If the optical judging cannot be completed by the end of Saturday night, a partial field of optical excellence awards may be given, at the discretion of the judges.

Looking for Darker Skies?

For the darkest skies, away from automotive lights, set up near the Pink Clubhouse, as far south as possible.

TELESCOPE MECHANICAL COMPETITION: THE HEART AND SOUL OF STELLAFANE!

If you have built a telescope or special gadget, or restored a historical instrument, we strongly encourage you to bring it to Stellafane and enter it in the competition. **We welcome all home-made telescopes in the display area. They do not have to be entered in the competition!**

REGISTRATION: Registration for the mechanical competition will be between 8 a.m. and 9:30 a.m. Saturday morning in the Pink Clubhouse. In addition, you are encouraged to register your telescope via the Stellafane web page. Keep in mind that if you register your instrument via the web, you must still check in at the Pink Clubhouse Saturday morning or your telescope will not be judged. You can drive up to the Pink Clubhouse area Friday or Saturday to drop off and pick up your telescope but there is **no parking** as space is very limited. The telescope judging for mechanical excellence will begin at 10 a.m., so please register your telescope as early as possible.

COMPETITION: Only telescopes that are operative both mechanically and optically will be accepted in the mechanical competition. Telescopes do not have to be entered in both categories. The judges will visit the telescopes in several small groups. You must attend your telescope until the end of the competition is announced via the loudspeaker. Be prepared to describe any special construction techniques and components to the judges. Awards for mechanical design, craftsmanship, special gadgets, restoration of historical instruments and junior telescopes, made by persons less than 16 years of age, will be awarded at the Saturday evening talks.

WHERE TO SET UP YOUR TELESCOPE

We strongly recommend that you set up your telescope in the fields around the Pink Clubhouse or in the field to the south of the McGregor Observatory. You may not set up your telescope in a designated parking area. Please consult the site map, which you will receive when you arrive, as well as the signs posted throughout the convention site for the designated parking locations.

CONTACT INFORMATION

convention@stellafane.com

SATURDAY MORNING SWAP TABLES

The Swap Tables (located at the NORTHEAST edge of the main camping/parking area) are provided to give amateurs an opportunity to trade, buy or sell their surplus astronomical and telescope related items. They operate from 7 a.m. to 5 p.m. on Saturday, August 7th.

POLICY OF THE *SPRINGFIELD TELESCOPE MAKERS* REGARDING COMMERCIALISM AND THE SWAP TABLES AT THE CONVENTION

The *Springfield Telescope Makers, Inc.* has clarified its policy regarding commercialism and Swap Table sales at the Stellafane convention. For the sake of historical continuity, to preserve the uniqueness of the Stellafane convention and to encourage conventioners to build their own instruments, the *Springfield Telescope Makers, Inc.* do not allow commercial sales, of any kind, at the Stellafane convention. All swap table sales must comply, in concept, with the above objective but are also specifically subject to the following criteria:

- 1) Only surplus astronomical, telescope and telescope making related items may be sold.
- 2) Each person will be allowed 16 square feet of table or ground space.
- 3) Items which have the appearance of being specifically purchased or manufactured for sale at the Swap Tables may not be sold.
- 4) All sales must take place within the designated Swap Table area only between 7 a.m. and 5 p.m., the Saturday of the Stellafane convention.

The *Springfield Telescope Makers, Inc.* may choose to grant a limited exception to the above policies to astronomy related organizations for their fundraising. Any request for an exemption must be made, in writing, at least one month prior to the convention. If granted, the President of the *Springfield Telescope Makers, Inc.* will notify the requesting organization in writing.

Any member of the *Springfield Telescope Makers, Inc.* has the authority to determine whether a party is in compliance with the established regulations. Any person who is found to be in violation of the stated policies will be required to comply. Failing compliance, the offending party will be asked to leave the convention and may be escorted from the premises by convention security.

The *Springfield Telescope Makers, Inc.* encourages those with questions regarding this policy to contact the Club via the Stellafane web page (stellafane.org). During the convention, any questions regarding this policy, the appropriateness of items being displayed, or any information being disseminated should be directed to a member of the *Springfield Telescope Makers, Inc.*

2009 COMPETITION WINNERS

OPTICAL - SMALL NEWTONIAN, ADULT AWARDS:

1st: Jeff Parenteau	10" f/5.5 Newtonian on Dobsonian
2nd: Douglas Arion	10" f/6.1 Newtonian on Ball Mount
2nd: Robert Midiri	10" f/7.3 Newtonian on Dobsonian

OPTICAL - LARGE NEWTONIAN, ADULT AWARDS:

1st: Jeff Parenteau	12½" f/5.6 Newtonian on Dobsonian
2nd: James Podpolucha	12½" f/6 Newtonian on Dobsonian

OPTICAL - COMPOUND, ADULT AWARDS:

1st: Gerry Logan	6" f/15 Maksutov on German Equ.
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MECHANICAL DESIGN, ADULT AWARDS:

1st: Gerry Logan	6" f/15 Maksutov on German Equ.
2nd: Steven Pellarin	28" f/3.164 Newtonian on Dobsonian
3rd: Kevin McCarthy	12½" f/4.5 Newtonian on Dobsonian
4th: Douglas Arion	10" f/6.1 Newt on Ball Mount

MECHANICAL DESIGN, JUNIOR AWARDS:

Sara Schechner	Quilt of USNO Alvan Clark Refractor
Aaron Sliski	6" f/8 Newtonian on Dobsonian

CRAFTSMANSHIP:

1st: Gerry Logan	6" f/15 Maksutov on German Equ.
2nd: Steven Pellarin	28" f/3.164 Newtonian on Dobsonian
3rd: Douglas Arion	10" f/6.1 Newt on Ball Mount
4th: Kevin McCarthy	12½" f/4.5 Newtonian on Dobsonian

SPECIAL AWARDS – ANTIQUE RESTORATION:

Paul Woodell	8" f/8 Newt on German Equ.
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SPECIAL AWARD:

Allen Hall	Wedge Tester & Spherometer
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INNOVATIVE COMPONENT:

Douglas Arion	Single Screw Diagonal Adjust Eyepiece Adapter & Counterweight Combo
Gerry Logan	
Larry Shaper	8-Legged Wire Spider

For photos and additional information please see the Stellafane web page.



First Aid Kits: Located in the Bunkhouse, McGregor Obs., and Clubhouse

Lost & Found: Located at the Tee Shirt Stand

In Case of Emergency: Contact Security (by the gate) or any STM member

HAVE A GREAT CONVENTION!
The *Springfield Telescope Makers, Inc.*