THE EVENT HORIZON

ST. LOUIS ASTRONOMICAL SOCIETY

Devoted to the Interest and Advancement of the Science of Astronomy

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August, 2017

The Great Lunar Cover Up: When, Where, and Weather-Or-Not To View The Total Solar Eclipse

Cindy Preszler of WeatherSTL.com and Eric Gustavson of the Saint Louis Science Center will be featured at the August meeting of the St. Louis Astronomical Society. The meeting will begin at 7:30 PM Friday, August 18, **at the James S. McDonnell Planetarium of the Saint Louis Science Center, 5100 Clayton Road in Forest Park, Saint Louis, MO 63110.** Free parking is available at the Planetarium site in Forest Park.

"The Great American Eclipse" is the first total solar eclipse visible in the contiguous United States since 1979, and the first to cross the USA since 1918. The path of the total solar eclipse, which is only about 70 miles wide, passes through parts of the Greater St. Louis Metropolitan Area. Those not within this path, which includes all of North America, will see a partial solar eclipse.

Cindy Preszler will talk about weather prospects for August 21 and the effects of the solar eclipse on the weather. Eric Gustavson will explain why eclipses happen, why total solar eclipses are so rarely seen from any specific location, and how to view the partial phases of a solar eclipse safely. He will use the Zeiss star projector to simulate the August 21 eclipse on the Planetarium's dome.

Cindy Preszler provides weather forecasts for the Greater St. Louis area and weather content for independent radio, television, and web organizations via her web service, www.weatherSTL.com . From 1998 to 2016, she was the chief meteorologist for KSDK-TV in St. Louis. Eric Gustavson is a planetarium staff member of the Saint Louis Science Center. He presents planetarium programs and assists with their development.

Upcoming Meetings:

September SLAS Collective Solar Eclipse Results
October: Heinric Krawczynski, Wash U
November: William McKinnon, PhD PLUTO Wash U
December: Amy E Kimball, Radio Quasars & the VLA

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Where will you be for the Total Solar Eclipse?

Have you decided where to go?
Are you ready to observe?
Do you have your filters/eclipse glasses?
Need help finding information?

Come to the SLAS meeting Friday for the latest weather and other information about

Presidents Corner - Jim Small

It's HERE! Total Eclipse this coming MONDAY!

Don't forget the meeting has been moved to the Planetarium as they have agreed to accommodate our meeting!

Come early to insure a seat in the Planetarium! We are expecting a large crowd for this event!

Eric Gustafson will talk about how eclipses form, when they happen, how to view them safely, and provide us a simulation about what to expect on eclipse day!

Cindy Preszler will talk about weather for the eclipse, best places for clear skeis with current information and how to read weather information to assess where skies are most likely to be clear.

There will be a panel afterwards to answer questions about the eclipse!

If you are using equipment, don't forget to practice before the eclipse! Are those batteries charged? Do you have a checklist? Best of luck for whatever you decide to do!

Where will you be????

Personally, I plan on setting up at East Central College, as that is my new place of employment and the first day of class is, wait for it, Monday, August 21st! If the weather will be bad, I'll be ready to move elsewhere. I already filled up the gas tank on the Prius.

Materials are running out quickly… I checked the local camera stores for solar filters for camera lenses and of course they were out. I then checked on the battery for my Nikon that was being held for me at Creve Coeur Camera and come to find out that both CCC and Schillers were sold out! I might have purchased the last one available at Best Buy in South County…. Yeah, my usual late planning…

There are a number of people who have some good setups for photographing the eclipse. We will likely have some of them available at the meeting for people to view.

I personally will be setting up a Losmandy GM8 mount with a dual platform and will shoot with a Nikon D750 DSLR through my 80mm Stellarvue Refractor. I will also be doing some photography with my Zoom portable handy recorder because it has great sound recording, and I'll set up my Canon Pocket G7X cameras to automatically shoot a star-scene photo every 7 seconds. I will also have my D700 set up with my 14-24 zoom to shoot. Hopefully I remember to watch the eclipse!

Next month we will be doing a show and tell for the eclipse. Bring your photographs and videos or send them in for the next meeting.

Good luck with your views!

Clear Skies!

Jim Small

15th Annual SLAS Star-B-Q

Saturday, September 16, 2017

Walnut Grove Picnic area

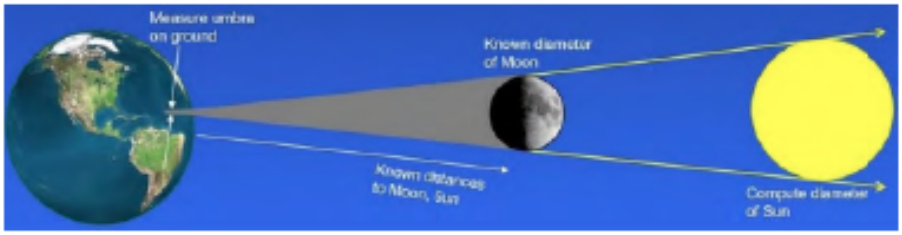
Come join fellow members of the SLAS at Babler State Park for a day of food, softball, games, and observing. ***SLAS will once again provide the Bar-B-Q.*** We ask is for you to bring your favorite drinks and side dish or dessert. This area has a large shelter, restrooms, and baseball fields. There is also plenty of room to set up volleyball or horseshoes if you wish to bring them. We will observe from the ball fields. Don't have a telescope? Don't worry, this is a great chance to see other member's telescopes.

Remember: Members should bring drinks and a favorite side dish or dessert.
Don't forget to bring your telescope or binoculars, chairs and bug spray!

Schedule of Events

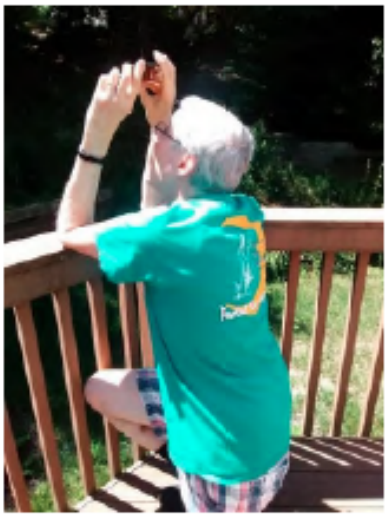
2pm Setup
3pm – Picnic begins
4pm-6pm Food line open
6pm-7pm Trivia Contest (with prizes)
7:09pm Sunset
7:30pm- Midnight Observing at picnic site

Special Note: There will be solar viewing during the day.
This is close to New Moon weekend so we should have dark skies.



Your City on the Edge of the Total Eclipse Path – a citizen science opportunity to measure the size of the Sun

Your city is in a great position, straddling either the northern or southern edge of the path of totality of the August 21st eclipse. With the conspicuous nature of the total eclipse phenomena and their strong dependence on geographical location, scientifically useful observations can be made with modest equipment, even with just a smart phone. The edge of the gaseous Sun is not perfectly sharp, so the edges of the path of totality are also not sharp, but there is a rapid change over a distance of a few hundred yards. The International Occultation Timing Association (IOTA) encourages **citizen science** observations of the 2017 eclipse from locations near the edges of the path of totality, to see how well it can be defined. Unlike past eclipses, now we can better document the complex phenomena using the video function of ubiquitous smart phone cameras. IOTA's Web page http://occultations.org/eclipse2017/smartphonesimple/ describes how useful smart phone observations can be made. It notes how small cheap clip-on tele-photo lenses (shown to the right with smart phone attached to a photographic tri-pod), available at Walmart and other outlets, can improve your recording. We seek such observa-tions from locations within a half mile-wide "graze zone" along the northern and southern limits of the path of totality. The observations can be made by individual observers working alone (or better, in pairs, as described on the Web page specified above) or in organized groups like the effort being organized in Minden, Nebraska, see http://www.eclipsetours.com/eclipse-edge-2017/.



Important: The intensity of the part of the Sun that remains visible at central eclipse will change considerably across the graze zone; that's what we want to measure! In the areas outside the graze zone away from the path of totality, the remaining piece of the Sun will be very bright, and it is recommended that observers there use eclipse glasses the whole time. Those in the graze zone, and farther south, should look for the splendor of totality during the minute surrounding the central time for your location, using the eclipse glasses when the eclipse is too bright to comfortably look at directly. More on viewing the eclipse safely is at https://eclipse.aas.org/eye-safety/safe-viewing .

Near the path edges, many dozens of Baily's beads (shown in the picture at right, from the eclipsetours Web site) are visible over a period of a couple of min-utes, a much richer display than the brief view of them seen near the path central line. The Baily's beads and chromosphere, are enhanced by a factor of about 10 for locations a short distance inside the path edges while the duration of totality can be half a minute or more. However you try to observe the eclipse, practice on the Sun with the same setup a day or two before. I want to work with others in the graze zone, in the city where I observe, to obtain more detailed observations at a few extra places in the graze zone, using simple small tele-scopes. Nominally, I plan to observe from Moberly, MO, at the n. limit, but I will go to another place, if necessary, for clearer skies. Much more information is on a 3-page flyer, and at IOTA's eclipse site at http://occultations.org/eclipse2017/ .

David Dunham, IOTA, email dunham@starpower.net currently in Columbia, Missouri

Illinois Dark Skies Star Party

www.sas-sky.org

September 21, 22 and 23, 2017

Registration deadline : September 6, 2017

Jim Edgar Panther Creek State Fish & Wildlife Area

Observer oriented – Dark skies – Great facilities – Fantastic food

Official t-shirt/sweatshirt

T-shirts are available in short and long-sleeve

This year's registration fee is $50/ individual. Family registration is $80 (up to 4). Each additional family member over 4 is $10.

A late fee of $20 per attendee will be assessed AFTER September 6, 2017.

Meals and shirt orders cannot be after the registration deadline, although we will have a limited supply of extra meals and shirts onsite.

Key online links :

Registration: http://sas-sky.org/wp-content/uploads/2017/05/IDSSP2017RegistrationForm.pdf

Meals: http://sas-sky.org/wp-content/uploads/2017/05/2017IDSSPMenu.pdf

Solar eclipse T-shirt/sweatshirts: http://sas-sky.org/wp-content/uploads/2017/05/SAS-2017-IDSSP-Shirt-Design-Alt.pdf

Helpful maps: http://sas-sky.org/maps/

Plenty of room for individuals and/or groups of friends :

- There are several large group camping areas for your use, which means lots of room to stretch out.

Separate from, but adjacent to, the event site are extensive camping facilities for tent and trailer campers, self-contained RV pads and nine lakeside cabins. These are a short walk from the star party observing area. However, the RV sites and Cabins (electricity available) must be reserved through the ReserveAmerica website at https://www.reserveamerica.com/ ReserveAmerica handles camping reservations

SLAS Executive Board Meeting Minutes July 5, 2017

1. Opening Activities: Meeting called to order 7:04 pm Attending: Jim Small, Larry Campbell, Brad Waller, Mark Jones, Tom Nickelson, Michelle Birch, Rich Heuermann. Motion to accept June minutes by Brad W and second by Tom, minutes approved

2. External Business Next board meeting: Sep 7, Oct 5, Nov 9, Dec 7

3. Director Reports:
President – Jim Small: 1. Expo, ISDC, MSRAL all went very well. In addition, Tourist in Your Own Town and other events drew a lot of people.

Vice President: Brad baby…
2017 Speakers

*21-Jul-2017	Bruce Wilking, PhD	Stellar Dynamics and the Birth Cluster of the Sun, UMSL
*18-Aug-2017	TBA	
*15-Sep-2017	SLAS Collective	Solar Eclipse Results
*20-Oct-2017	Henric Krawczynski, PhD	Exploring the Space-time around Supermassive Black Holes w/ Gravitational Lenses
*17-Nov-2017	William McKinnon, PhD	PLUTO, Wash U
*15-Dec-2017	Amy E Kimball	Radio Quasars & the VLA, "Skype", NRAO

2018 Speakers

*19-Jan-2018	Carl Bender, PhD	Black Holes and Hawking Radiation, Wash U
*16-Feb-2018	Ryan Ogliore, PhD	From Stardust to the Solar System, Wash U
*16-Mar-2018	Michael Medford	Discovering Planet 9 (10) "Skype", U Cal- Berkeley
*20-Apr-2018	Kun Wang, PhD	New Evidence for the Origin of the Moon, Wash U
*18-May-2018	Ryan Clegg-Watkins, PhD	Exploring the Moon from Orbit: Paving the Way for Future Astronaut Explorers
*20 July-2018	Erika Gibb, PhD	Comets, UMSL
*21-Sep-2018	Francesc Ferrer, PhD	In the wake of the Higgs, what will the next breakthrough at the LHC?, Wash U
*16-Nov-2018	Michael C Bouchard	Mars 2020 Rover, Wash U

Brad purchased blank business cards. Inventory of vests not suitable for our needs. Purchased 4 thumb drives for transferring monthly SLAS videos, drives given to Brent. Running low on SLAS mugs (3), thinking of doing a SLAS eclipse mug. Could be a photo contest.. New SLAS handout – ¼ card to propose for 2018 budget. Include QR code
Astro 101 – July – Solar Eclipse Apps; August- or cell phone brackets
Welcome aboard new members meetings are still planned for each month. Would like phone numbers to be required field on membership application.

Secretary – Mark Jones:No report

Treasurer/ALCor – Bill Winningham: Bill needs to talk to Don about which expenses go against Library Telescope build

Hospitality – Larry Campbell: Eclipse cake for September meeting. Tomorrow eclipse talk at UMC in St Charles

Board member at large reports
Brent Buch (2018) No report
Rich Heuermann (2019) Don Ficken is working on grant to buy eclipse glasses for schools. Rich working on application. See Don's separate report
Tom Nickelson: (2020) No report
4. Committee Reports: If needed
Library Telescope Program:

Merchandise – Infini-tees shirts for sale ($20). Several members interested in SLAS shirts.

Librarian – Picked up book on navigation and a copy an Astronomy braille book
Newsletter – Articles and pictures (especially pictures) are welcome to beef up the newsletter and our social media outlets. Please forward to newsletter@slasonline.org Discussion about redesign of brochure and what to do with them. (content, replace with cards, supplement with cards, reduce to front and back handout, etc.)
Website - No progress as promised. . Slasonline.org visit for June 160,000 daily average hits. 4.87M hits!
Social Networking (Michelle Birch) – Public Facebook has 43 followers. Lot of people from First Fridays and Star Parties are friending our Facebook. 32 followers on Twitters. 911 post engagements. Don's STL Public radio interview has been posted. Submit pictures to Michelle for incorporation into Facebook account. Both ID's are stlastro Our Facebook pages are also active for the eclipse and for the expo. Private Facebook page is also active.
Loaner – Scopes More donations received this month: Two Celestron 102mm, 1000mm focal length refractors and Vixen GP mounts, one with RA and Dec motors, one without. Need some letters for donated scopes. Scope sale will likely be at the July meeting before the eclipse. There will likely be a sale of Sky and Telescope and other magazines and possibly books at the same time. We will likely wait until after the eclipse to move the loaner telescopes unless we get a good time to do it before then.
Publicity – Phase 1 Press release about July meeting has been sent out. Phase 2 press release to specific media outlets going out tomorrow
Star Parties: Review of outreach events next 3 months

5. Old Business

Board agrees to table the proposal to Membership committee. Recognition Proposal from December 2016. An annual membership recognition award called "The Lois Fitter Lifetime Outreach Award" be created to recognize long-time outreach volunteers who have

(Continued on page 6)

(Continued from page 5)

volunteered for 5 or more years of outreach for the society with a minimum of 5 events per year. A nomination form and selection committee will be created by the membership recognition chair and the award will be presented (if nominations are available) when outreach volunteer recognition pins are presented. Discussion took place with Board. Proposal was moved to Recognition Committee for development of a comprehensive recognition program that goes beyond Outreach. Prior to meeting Mark Jones sent out the following ideas for recognition awards for members and non-members who support our mission:

The Lois Fitter Outreach Award - given to most dedicated or most improved outreach participant or coordinator must be a SLAS member
The Stuart O'Byrne Founders Award - given to board or committee person for service to SLAS, must be a SLAS member
The Dick Schwartz Supportive Faculty Award - given to local educator at HS or college level who support SLAS mission don't have to be SLAS member
The Robert Cox Popular Astronomy Award - given to person having major contribution to popularizing astronomy does not have to be SLAS member
The Al Woods Mentoring Award - given to local amateur contributing to mentorship in astronomy, telescope and gadget making.

6. New Business Motion by Jim Small and second by Larry Campbell: I propose to ask the membership for $250 funds to have Cindy Preszler speak at the SLAS August meeting. The topic would be weather for the eclipse. This is contingent on hosting the meeting at a large public venue such as SLSC or Missouri Botanical Garden. Motion will only be brought to membership vote if venue is confirmed prior to the July meeting. **Motion passed.**

7. Closing Activities Motion to adjourn the meeting by Tom N second by Rich H. Meeting adjourned 9:10pm

Come to the

SIXTH INTERNATIONAL WORKSHOP ON COMETARY ASTRONOMY

At Washington University in St. Louis

Wednesday, August 23

9:00 a.m. – 5:00 p.m.

Department of Earth and Planetary Sciences

Rudolph Hall, Room 203

Registration is free

Light breakfast and refreshments during breaks will be provided

IWCA VI *is sponsored by the* International Comet Quarterly *(Harvard University) and the Department of Earth and Planetary Sciences, Washington University. Previous IWCAs have been held in Selvina, Italy (I), Cambridge, England (II), Paris (III), Shanghai (IV), and Rio de Janeiro (V), usually in association with an astronomical event (in this case, the total solar eclipse) that tends to attract international astronomical visitors to a region.*

5:57 PM
08/17/17
Accrual Basis

St. Louis Astronomical Society
Profit & Loss Budget vs. Actual
January through July 2017

	Jan - Jul 17	Budget	$ Over Budget
Ordinary Income/Expense			
Income			
Total Magazine Subscription	1,071.69	350.45	721.24
Membership Dues	2,740.00	1,620.00	1,120.00
Total Income	3,811.69	1,970.45	1,841.24
Cost of Goods Sold			
Total Magazine Subscriptions	1,018.40	350.45	667.95
Merchandise		45.00	(45.00)
Total COGS	1,018.40	395.45	622.95
Gross Profit	2,793.29	1,575.00	1,218.29
Expense			
1-Programs & Events**	1,114.82	1,511.00	(396.18)
2-Newsletter	97.31	102.00	(4.69)
3-Library expense	49.95	175.00	(125.05)
4-Astronomical League Dues		670.00	(670.00)
5-Loaner Scopes	5.00	50.00	(45.00)
7-Insurance*	825.50	380.00	445.50
8-Website	179.40	170.00	9.40
9-Administrative Expenses	190.37	974.50	(784.13)
Total Expense	2,462.35	4,032.50	(1,570.15)
Net Ordinary Income	330.94	(2,457.50)	2,788.44
Other Income/Expense			
Other Income			
Donations	1,350.00	0.00	1,350.00
Eclipse Escrow Receipts	14,245.74	0.00	14,245.74
Interest Income	30.00	58.34	(28.34)
LTP Receipts	3,109.84	0.00	3,109.84
Proceeds from Lens Sales	16,518.81	0.00	16,518.81
Total Other Income	35,254.39	58.34	35,196.05
Other Expense			
Eclipse Escrow Dispursements	15,758.00	0.00	15,758.00
Eclipse Escrow Funding***	1,500.00	1,500.00	0.00
LTP Disbursements	3,601.94	0.00	3,601.94
LTP Escrow Funding	1,000.00	1,000.00	0.00
Total Other Expense	21,859.94	2,500.00	19,359.94
Net Other Income	13,394.45	(2,441.66)	15,836.11
Net Income	13,725.39	(4,899.16)	18,624.55

* Reflects expanded insurance coverage over prior years

** Outreach budget reflects $150 approved by membership vote as a donation towards the International Space Development Conference.

*** Includes $500 inSt. Louis County Library donations associated with Eclipse related events.

St. Louis Astronomical Society
Balance Sheet
As of July 31, 2017

	Dec 31, 16	Jul 31, 17
ASSETS		
Current Assets		
Checking/Savings		
Checking - First Bank	3,957.19	2,405.77
Deposit, Certificate of	20,148.49	20,168.54
Library Telescope Escrow	799.33	366.71
PayPal	126.42	1,990.04
Savings - First Bank	29,755.97	46,284.73
SLAS Eclipse Conference Escrow*	6,259.97	3,616.97
YMCA Trout Lodge Escrow	542.87	482.87
Total Checking/Savings	61,590.24	75,315.63
Other Current Assets		
Inventory Asset	1,360.92	1,360.92
Total Other Current Assets	1,360.92	1,360.92
Total Current Assets	62,951.16	76,676.55
Total Fixed Assets	0.00	0.00
TOTAL ASSETS	62,951.16	76,676.55
LIABILITIES & EQUITY		
Equity		
Opening Bal Equity	8,137.66	8,137.66
Retained Earnings	24,813.26	54,813.50
Net Income	30,000.24	13,725.39
Total Equity	62,951.16	76,676.55
TOTAL LIABILITIES & EQUITY	62,951.16	76,676.55

* Any excess Eclipse Escrow funds will revert to SLAS in September of 2017

WANTED: Newsletter Articles and Pictures!

The Event Horizon needs articles and pictures from people like YOU!

Interviews, current astronomy topics, historical articles, star party reports, you name it, we can use it! Send what you have to: newsletter@slasonline.org

Wanted: Volunteers!

Be sure to sign up on Night Sky Network for upcoming star parties. Lead volunteers need to know who will be there so they can tell where we are falling short. If you aren't sure how to RSVP, please ask anyone at the meeting and we can show you how on the computer after the meeting. Or contact any board or committee member to find out. See you at the next star party!

Upcoming Star Parties and Other Events

For details on these and other upcoming events, check out the Night Sky Network Calendar linked on the Home Page for SLAS at http://www.slasonline.org

SLAS Executive Board Meetings *Location will be at the Edward Jones YMCA* All meetings are on Thursdays unless noted.
2017: Sep 7; Oct 5; Nov 9; Dec 7

Dark Sky Observing Dates
See you when it gets warmer!! Use SlasDialogs or Facebook to coordinate winter events!

Francis Park Events: These events are on Wednesdays the week nearest the first quarter Moon July 26, August 30, September 27, October 25

Sky Orienteering Events For members who want to gather and do some relaxed observing at Babler State Park orienteering. Please RSVP if you plan to come!

2017-09-17	7:00 PM	2017-10-15	6:30 PM
2017-11-12	6:00 PM	2017-12-10	5:30 PM

SLSC Public Telescope Viewing Events: These events are held the first Friday of the month Planetarium shows start at 7pm

YMCA Edward Jones Star Parties (generally third Mondays)

Pattonville Observatory Public Viewing Dates

Broemmelsiek Astronomy Park Public Viewing
Every Friday night with ASEM members

UMSL Observatory
For directions and map
http://www.umsl.edu/~physics/About%20the%20Department/astro.html

All sessions include viewing of 1st quarter Moon with additional objects

Skywatch Hotline: 314-516-5706

Saturdays:

LET US KNOW YOU ARE COMING!

To RSVP for any of these events log in to the Night Sky Network and submit your RSVP. If the event is canceled, you will be notified immediately according to the preferences you have selected.

SLAS EVENTS

August	
18 Fri	**SLAS Regular Meeting**
19 Sat	**SLAS Dark Sky Observing**

21 Monday Total Solar Eclipse!

30 Wed	**Francis Park Stargazing**
September	
1 Fri	**SLSC Public Telescope Viewing**
3 Sun	**Stargazing at the Gateway Arch**
6 Wed	**STL HQ Library Telescope program**
7 Thur	**SLAS board meeting**
11 Mon	**Forder Family Star Night**
12 Tues	**Jamestown Bluffs**
15 Fri	**SLAS Regular Meeting**
16 Sat	**SLAS ANNUAL STAR-B-Q!**
16 Sat	**SLAS Dark Sky Observing**
16 Sat	**Family Campout**
17 Sun	**SLAS Sky Orienteering**
18 Mon	**Edward Jones YMCA**
19 Tues	**Rock Road Library**
21 Thurs	**Mapelwood Library**
22 Fri	**Family Camp Out**
26 Tues	**SLPL Central Library**
27 Wed	**Francis Park Stargazing**
27 Wed	**Eureka Hills Library**
28 Thurs	**Cliff Cave Library**
28 Thurs	**Natural Bridge Library**
30 Sat	**Astronomy Day**
30 Sat	**Faith Academy at Blackburn Park**
30 Sat	**Ballwin Family Campout**
30 Sat	**Stargazing at Crestwood Park**
October	
4 Wed	**Lewis and Clark Library**
5 Thurs	**SLAS Board Meeting**
5 Thurs	**Indian Trails Library**
6 Fri	**SLSC Public Telescope Viewing**

SLAS Merchandise Available

SLAS merchandise is now set up for embroidery at
Headz n Threadz at https://hnt.threadthis.com/

There are two locations:
Galleria: 2495 St. Louis Galleria, St. Louis, MO 63117 Telephone: 314.862.2695 galleria@headznthreadz.com
Delmar: 6662C Delmar Blvd St. Louis, MO 63130 Telephone: 314.863.2695 delmar@headznthreadz.com
Delmar Map

Simply take the garment, hat, etc you wish to have embroidered and they will take care of it. They have the SLAS logo on file. You may make modifications to the colors if you wish.

SLAS Logo is also available at Infini-tees

SLAS MEMBERSHIP APPLICATION

Name: Last _____

First, Middle Initial _____

Address _____

City, State, Zip Code _____

email address _____

Please send completed form with check (no cash please) made payable to

St Louis Astronomical Society

Don Ficken, Membership
13024 Barrett Crossing CT
St. Louis, MO 63122

Youth @ $10.00 / 1 year (18 yrs or younger) $_____

Individual @ $25.00 / 1 year $_____

Family @ $40.00/1 year $_____

Publications with discount available with your SLAS membership:

Sky and Telescope @ $32.95 / 1 year $_____

(S&T may also be renewed at their website: http://www.skyandtelescope.com)

Astronomy @ $29.95 / 1 year $_____

TOTAL ENCLOSED **$_____**

Check all that apply:
___ Renewal
___ Address Change Only
___ Please send my newsletter by regular mail
___ ***New Member!***

SLAS OFFICERS

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president at slasonline.org

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Hospitality ***Larry Campbell*** 636-244-2867
hospitality at slasonline.org

Board Members at Large:

Rich Heuermann 314-962-9231
Board19 at slasonline.org

Brent Buch 314-239-0329
Board18 at slasonline.org

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social at slasonline.org

'SLASdialogs' Moderator ***Mark Jones, Rhonda Whelan***
dialogsmoderator at yahoo.com

Star Party Coordinator ***Bill Breeden*** 314-276-3613
starparty at slasonline.org

Telescope Making ***Bill Davis, Jim Melka*** 314-469-3061
telescope at slasonline.org

Webmaster ***Jim Small*** 314-909-7211
webmaster at slasonline.org

Devoted to the Interest and Advancement of the Science of Astronomy

ST. LOUIS ASTRONOMICAL SOCIETY

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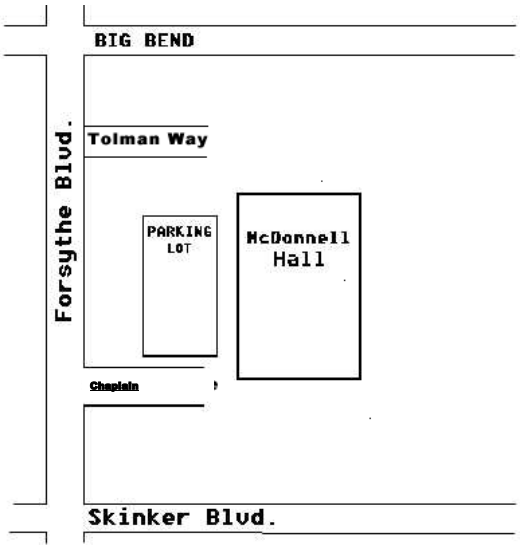
Who We Are and What We Do

St. Louis Astronomical Society is a not-for-profit organization established in 1936. SLAS is devoted to the interest and advancement of the science of astronomy. Our mission is to promote an understanding of the science of astronomy to our members and to the public. Membership is open to any-one with an interest in astronomy.

For more information contact any SLAS officer or visit our website listed above. SLAS is affiliated with the Astronomical League, Night Sky Network and the Mid-States Region of the Astronomical League.

Meetings are held the 3rd Friday of each month at McDonnell Hall at Washington University. See the map to the right for directions.



St. Louis Astronomical Society

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