

THE EVENT HORIZON



ST. LOUIS ASTRONOMICAL SOCIETY

Devoted to the Interest and Advancement of the Science of Astronomy

VOLUME 28, Issue 2
February, 2018

From Stardust to the Solar System

by
Dr. Ryan Ogliore
Washington University

Dr. Ryan Ogliore of Washington University, will be featured at the February meeting of the St. Louis Astronomical Society. The meeting will begin at 7:30 PM Friday, February 16, in McDonnell Hall, Room 162, on the Washington University campus, Saint Louis, MO 63130. McDonnell Hall is accessible from Forsyth Boulevard via Tolman Way.

How did the Earth, Sun, Moon, and planets form? Where did the material come from, and how was it assembled? Dr. Ogliore will describe the current theory, still being developed, for the formation and early history of the solar system. He will also talk about some of the instruments and techniques that are being used to discover what happened almost five billion years ago when the Sun, planets, moons, comets, and asteroids were born.

Dr. Ryan Ogliore is an Assistant Professor in the Department of Physics at Washington

University. He received his Doctorate from the California Institute of Technology in 2007 and joined the Washington University faculty in 2015. His research involves the study of extraterrestrial materials – star dust, interplanetary dust, and meteorites – using microanalytical techniques. This probing of the very small scale structure and composition of space stuff provides clues to the formation and evolution of our Solar System, as well as other stars.

Upcoming Meetings: 2018

March Kun Wang, PhD, Washington University

April Michael Medford, UC Berkeley
Discovering Planet 9 (10) (Zoom event) New Evidence for the Origin of the Moon

May Ryan Clegg-Watkins, PhD, Washington Univ
Exploring the Moon from Orbit: Paving the Way for Future Astronaut Explorers

June Eddie Schlafly, UC Berkeley Big Bang (Zoom)

July Erika Gibb, PhD, UMSL Comets

August Michael Bouchard, Washington University
Mars 2020 Rover

September Francesc Ferrer, PhD, Washington U.
In the wake of the Higgs, what will the next breakthrough at the LHC?

October Mao Xiaochen Washington University
The Dawn Mission: Vesta and Ceres

November Bard Joliff, PhD Washington University
Lunar Geology

December Pamela Gay, PhD ASP
Secret Squirrel Part 2

Mid States Region



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2018 Night Sky Network Pins Are Here!



Come to the Meeting Friday to Receive them!

Please plan on attending the meeting Friday to receive your NSN pins! We have 20 members who have 5 or more events and qualified for the Night Sky Network Out-

(Continued on page 3)

Homemade Fest

Saturday,

February 17, 2018

5:00pm - 10pm

Kirkwood Community Center

(see page 2 for details)

Presidents Corner by Jim Small

Homemade Fest is set for Saturday, Feb 17, the day after the February meeting. We would love to see you there for this social event. You don't have to have a presentation to attend, but if you have ANYTHING of interest to astronomers, bring it along! If you have anything you would like to present, please see Brad Waller and let him know what it is.

MSRAL is set for June 22-24 and will be hosted by Explore Scientific in Springdale, Arkansas. It is not 100% yet, but pretty certain that David Levy will be the keynote speaker for the event. I'm certainly looking forward to that as I have had the privilege of visiting his home and observatory at an ALCON a few years back.

ALCON 2018 will be close this year and will be held in Minneapolis July 11-14. Details for Homemade Fest are below. Details for MSRAL and ALCON 2018 are not ready yet, but they will be coming soon. Check

www.msral.org for details about MSRAL and www.astroleague.org for details about ALCON. The observatory situation for ALCON looks like it will be worth the trip! There is a video about the observatory on the AL website.

The board had their first meeting at Nicoletti's Restaurant in Valley Park last month. We meet in their back room and the whole board is happy with the circumstances there. The food is great and we no longer have to go to another site to have our meeting! SLAS board meetings are free and open to members should you want to do so.

Be sure to attend the meeting in February if you are receiving a Night Sky Network Pin so we can recognize you for your outreach efforts! We also have a large number of people who need to pick up their membership pins. If you have been a member for 5 years or longer and have not picked up your pin, please come by the meeting and get it from Larry Campbell.

Clear Skies and enjoy this warm er.. cold er.. hot weather!

Homemade Fest

Saturday, February 17, 2017

Kirkwood Community Center

Greetings SLAS Collective! Now that the Holidays are basically over, chase away those winter blues and join fellow SLAS members and guests for our annual pot-luck dinner. It is time for you to inform the SLAS Collective of what you received for Christmas, built, refurbished, improved, imaged, explanation of a concept, or something you just can't do without. It will also give you another chance to present your findings from the TSE 2017. If you have a presentation to make, please send in your requests to the Borg Collective. Just let us know your topic and how much time you will need. Also, please let us know what food item you are bringing. Send requests for Presentations and Food Items to Bradley Waller at vicepresident@slasonline.org

Attendance prizes will be drawn throughout the evening

Time: 1630 to 2200

Location: Kirkwood Community Center, Room 300
111 South Geyer Road, Kirkwood, MO 63122

This event is free to all SLAS members and their families. Guests are \$5 each.
RSVP on SLAS Night Sky Network is optional but encouraged.



Outreach Challenge
by
Bill Neubert

I am repeating the Outreach Challenge this year. Last year, laser pointers were given to the 20 SLAS member who completed at least 10 outreach events in 2016. This year, I will give a red astronomy flashlight to any SLAS member completing at least five registered outreach events by the end of December 2017,

as listed in the Event Horizon.

I realize this isn't what motivates so many of you to volunteer. It's just a fun way to recognize it in a very small way.

They will be distributed at the February meeting along with the Night Sky Network pins. Please try to attend the meeting if you have five events as listed below.

- Bill Neubert

NSN Pins (from page 1)

reach pin and certificate. We logged more than 1650 hours for outreach for 214 events. Since 2007 SLAS members have logged 8386 hours for NSN events.

Thank you so much to all our volunteers! We couldn't have done it without you!

Below is the preliminary count, please check your hours and make corrections before February 1, 2018. We will be presenting volunteer pins and certificates at the February SLAS meeting.

Mark Jones and the SLAS Board

**Please attend the February meeting
to receive your pin!**

Donald Ficken	111 events;	207.7 hours
Cook Feldman	60 events;	179.5 hours
Rich Heuermann	49 events;	128.3 hours
Bradley Waller	44 events;	126 hours
John Beury	38 events;	132.5 hours
James Small	35 events;	111.5 hours
Larry Campbell	35 events;	85.5 hours
Mark Jones	33 events;	95.5 hours
Frank Mack	33 events;	83 hours
Sharon Bertram	22 events;	56.5 hours
Richard Jennings	21 events;	48 hours
William Neubert	19 events;	58.5 hours
Rick Menendez	15 events;	42.5 hours
Richard Fefferman	10 events;	22 hours
Bill Breeden	9 events;	31.5 hours
Rita Breeden	7 events;	25.5 hours
Jim Trull	6 events;	19 hours
Ann Trull	5 events;	15 hours
Josh Zitko	5 events;	15 hours
William Winningham	5 events;	13 hours

Robert Drzymala	4 events;	3.8 hours
Raymond Mueller	4 events;	1.5 hours
Chris Nobbe	4 events;	11.3 hours
Kevin Koontz	4 events;	9 hours
Brian Mills	3 events;	12.5 hours
Donald Snyder	3 events;	10 hours
John Edwards	3 events;	7.5 hours
Alan Sapia	2 events;	8 hours
Thane Bopp	2 events;	8 hours
Tom Keutzer	2 events;	6.5 hours
Anthony Russo	2 events;	6 hours
John Boncek	2 events;	5 hours
Edward Frey	2 events;	4.5 hours
Benjamin Winningham	2 events;	4 hours
Bill Biermann	2 events;	4 hours
Charles Laughton	2 events;	3.5 hours
Angelika Buckley	2 events;	2 hours
Vicky Boncek	1 events;	4.5 hours
Cathy Hooper	1 events;	4 hours
David Barry	1 events;	4 hours
Jeffrey Strauss	1 events;	4 hours
Shanna Ramirez	1 events;	4 hours
Daniel Corso	1 events;	3 hours
Murray Fishman	1 events;	3 hours
Rosanne Naunheim	1 events;	3 hours
Roy Lieberman	1 events;	3 hours
David Barnes	1 events;	1.5 hours
Joshua Bradshaw	1 events;	1 hour



Above: On February 4th, The ISS sailed in front of the Moon, creating a transit. Mark Jones captured the above video and sent a snapshot of the ISS. It can be seen above the arrow in the photo above. If you are interested in finding out when these transits occur near you, enter information into www.transit-finder.com and a map will be produced to show you upcoming events.

Below: Dr. Carl Bender in part of his excellent talk about black holes and Hawking radiation. It was a well attended event.





For Sale

114mm Newtonian Reflector

I received a new Celestron AstroMaster telescope for Christmas which I cannot use due to physical disabilities and was wondering if any of your members would be interested in purchasing it. I am asking \$140.00 or best offer. My home number is 314-832-4861 and we live in Affton, MO.

Edward J. Olsen, MSgt, USAF,(Ret.)

FOR SALE

8" Ritchey-Cretein

8" LX200R Advanced Ritchey-Chretien Telescope with GPS and AutoStar II Hand Controller. This scope has an additional Right Angle Finder Scope. The original straight thru finder scope is included with the scope.

I have installed a rail and counterweight system on the outside of the tube for additional balance control for photography.

I have also included a Williams Optic Zenithstar SD Doublet APO STM-coated 66 mm.F5.9 scope attached to the main tube. See photos.

Also included, besides the traditional tripod spreader plate, is a base plate that has additional eyepiece holding capability, along with quick setup guide posts on the plate for correctly mounting the telescope base.

This is a very good scope and is in excellent working condition. No scratches or dings. Looks brand new. It breaks my heart to sell it but it is too heavy for me to lift as I will be 80 in February.

This package also contains the 2" steel tubular tripod, 120 volt transformer power supply for DC voltage conversion, a Meade Super Plossl 26 mm. ocular and complete manual.

I paid in the neighborhood of \$2800 not including the right angle finder, additional spreader plate and Williams Optic Scope.

Asking price is \$1200 firm. I live in Webster Groves at 311 Dobbin Rd, close to the corner of Big Bend and Rock Hill. Phone 314 968 5388.



SLAS Executive Board Meeting Minutes January 4, 2018

1. Opening Activities: Attending: Jim Small, Bill Winningham, Larry Campbell, Bradley Waller, Mark Jones, Brent Buch-
Meeting opened at 7:06pm

2. External Business Note board meetings moved to first Thursday each month: Feb 1, Mar 1, Apr 5, May 3, June 7, July 5, August 2, Sept 6, Oct 4, Nov 1, Dec 6
ASP conference was held at the Moonrise hotel, Dec 5-8 was excellent. Several SLAS members attended including Jim Small, Larry Campbell, and Jim and Ann Trull.

MSRAL 2018 set for June 22-24 at Explore Scientific, Springdale, AR

ALCON 2018 will be in Minneapolis, MN July 11-14

3. Director Reports:

President – Jim Small: No report

Vice President: Bradley R. Waller

Presentations for 2018

19-Jan-2018	Carl Bender, PhD	“Black Holes and Hawking Radiation”	Wash U
16-Feb-2018	Ryan Ogiore, PhD	“From Stardust to the Solar System”	Wash U
16-Mar-2018	Michael Medford	“Discovering Planet 9 (10)” (1)	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	Wash U
20-Jul-2018	Erika Gibb, PhD	Comets	UMSL
21-Sep-2018	Francesca Ferrer, PhD	“In the wake of the Higgs, what will the next breakthrough at the LHC?”	Wash U
19-Oct-2018	Mao Xiaochen	“The Dawn Mission: Vesta and Ceres”	Wash U
16-Nov-2018	Michael C Bouchard	“Mars 2020 Rover”	Wash U
Dec-2018	Pamela Gay	“Secret Squirrel Stuff”	

(1) Skype Event

Eclipse mugs: *Discount Mugs* probable vendor. Approx. cost is \$3.51 for 76 cups. 15oz size cup.

Need June speaker, Jim will look for possible speakers he met at ASP

Astro 101 – Mark Jones events for 2018. Mark will present 4 times per year Jan April July Oct

Radio FM107.3 now has Stardate broadcast at 3:22pm

Welcome aboard new members meeting still planned for each month.

Secretary – Mark Jones: Report on Jefferson College Observatory

Treasurer/ALCor – Bill Winningham: Budget passed for 2018. Working to close the 2017 books by Jan 8. Will email 2018 budget to board

Hospitality – Larry Campbell: Refreshments need to buy more cups. Some snacks left over from December. Will buy extra supplies to support meetings and Homemade Fest

Membership recognition – NSN pins are available. Mark to send email asking members to check their volunteer hours before Feb 1st.

Board member at large reports

Brent Buch (2018) Working with Don to install video share module on our web server for testing, setting up ftp account and storage for videos on server and will configure module and test after it's installed.

Rich Heuermann (2019) Press Release for January meeting has been sent to media outlets

Tom Nickelson: (2020) No report

4. Committee Reports:

Library Telescope Program: LTP servicing will be held Saturday Jan 13th at Oak Bend Branch from 9-5.

Membership – Don Ficken submitted report before the meeting. We ended the year with 185 members which is 26 members above the December 2016 count of 159 members (a 16% increase). The 185-member count is the highest number that I have reported since I began tracking counts in 2009. By comparison, we had 148 members in December 2009 which dipped to 138 members in December 2010. A major objective of 2018 should be holding onto these counts.

Further details regarding the years activity are as follows: Individual memberships increased from 104 members to 118 members (13% increase). Family memberships increased from 48 members to 60 members (25% increase). Youth memberships remained unchanged at 7 members. We lost 24 members which is down from the 35 members lost in 2016.

Larry working on membership pins. Will continue to hand out at meetings

Merchandise – Infini-tees shirts for sale - \$20,

Librarian – 2017 end of year purchase was made

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 - \$179.40 fee will be paid for 1 year

Social Networking – Need new chairperson. Currently we have 110 followers on our public Facebook page

Public Star Parties: Bill Breeden sent Board the list of upcoming SLAS star parties and events, through June 30, 2018

Night Sky Network – There was an issue with user names and passwords over the holidays. Close to being resolved.

5. Old Business None

6. New Business None

7. Closing Activities Motion to adjourn the meeting by Mark, second by Brad. Meeting adjourned at 8:45pm

8:08 PM
02/14/18
Accrual Basis

**St. Louis Astronomical Society
Profit & Loss Budget vs. Actual
January 2018**

	<u>Jan 18</u>	<u>Budget</u>	<u>\$ Over Budget</u>
Ordinary Income/Expense			
Income			
Total Magazine Subscription	95.85	95.85	
Membership Dues	330.00	635.00	(305.00)
Total Income	<u>425.85</u>	<u>730.85</u>	<u>(305.00)</u>
Cost of Goods Sold			
Total Magazine Subscriptions		95.85	(95.85)
Merchandise		45.00	(45.00)
Total COGS		<u>140.85</u>	<u>(140.85)</u>
Gross Profit	<u>425.85</u>	<u>590.00</u>	<u>(164.15)</u>
Expense			
1-Programs & Events	110.85	339.00	(228.15)
2-Newsletter		15.00	(15.00)
3-Library expense	40.00	25.00	15.00
8-Website	179.40	170.00	9.40
9-Administrative Expenses	(2.49)	151.00	(153.49)
Total Expense	<u>327.76</u>	<u>700.00</u>	<u>(372.24)</u>
Net Ordinary Income	<u>98.09</u>	<u>(110.00)</u>	<u>208.09</u>
Other Income/Expense			
Other Income			
Donations	20.00	0.00	20.00
Interest Income		9.00	(9.00)
LTP Receipts	514.37	0.00	514.37
Total Other Income	<u>534.37</u>	<u>9.00</u>	<u>525.37</u>
Other Expense			
LTP Escrow Funding	500.00	500.00	
Total Other Expense	<u>500.00</u>	<u>500.00</u>	
Net Other Income	<u>34.37</u>	<u>(491.00)</u>	<u>525.37</u>
Net Income	<u>132.46</u>	<u>(601.00)</u>	<u>733.46</u>

**St. Louis Astronomical Society
Balance Sheet
As of January 31, 2018**

	<u>Dec 31, 17</u>	<u>Jan 31, 18</u>
ASSETS		
Current Assets		
Checking/Savings		
Checking - First Bank	5,162.74	5,195.52
Deposit, Certificate of	20,188.79	20,188.79
Library Telescope Escrow	299.98	799.98
PayPal	563.55	188.23
Savings - First Bank	46,297.03	46,297.03
YMCA Trout Lodge Escrow	482.87	482.87
Total Checking/Savings	<u>72,994.96</u>	<u>73,152.42</u>
Other Current Assets		
Inventory Asset	511.28	511.28
Undeposited Funds	50.00	25.00
Total Other Current Assets	<u>561.28</u>	<u>536.28</u>
Total Current Assets	<u>73,556.24</u>	<u>73,688.70</u>
Total Fixed Assets	<u>0.00</u>	<u>0.00</u>
TOTAL ASSETS	<u>73,556.24</u>	<u>73,688.70</u>
LIABILITIES & EQUITY		
Equity		
Opening Bal Equity	8,137.66	8,137.66
Retained Earnings	54,813.50	65,418.58
Net Income	10,605.08	132.46
Total Equity	<u>73,556.24</u>	<u>73,688.70</u>
TOTAL LIABILITIES & EQUITY	<u>73,556.24</u>	<u>73,688.70</u>

Editors Note: A board meeting was not held in December, so there are no minutes to present in the newsletter for January.

We could use articles for the newsletter. The following topics are fine for submission.

- 1. Star party reports. Let us know how a star party you attended went! Photos would be most welcome in addition to the article.**
- 2. Observing reports. Actually made it out observing? Let us know how it went. Taken some astro photos? Please submit!**
- 3. Bought something or built something? How about a review or an article!**

SLAS EVENTS

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.
2018: Feb 1, Mar 1, April

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** See you in 2018!

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!
Feb 4, March 11

SLSC Public Telescope Viewing Events: These events are held the first Friday of the month
Planetarium shows start at 7pm
1-5, 2-2, 3-2

YMCA Edward Jones Star Parties (generally third Mondays)
Finished for the year

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:

February

16 Fri	SLAS Regular Meeting
17 Sat	Homemade Fest!
21 Wed	SLPL Star Party - Central
23 Fri	Armstrong Elementary
27 Tue	SLPL Star Party - Machacek
28 Wed	Brentwood Star Party

March

1 Thurs	Rock Road Library
1 Thurs	SLAS Board Meeting
2 Fri	Parkway Southwest Middle
2 Fri	SLSC Public Telescope Viewing
5 Mon	Weber Road Library
6 Tue	Festus Public Library
7 Wed	Prairie Commons Library
7 Wed	Jana Elementary STEM Fair
11 Sun	SLAS Sky Orienteering
16 Fri	SLAS Regular Meeting
16 Fri	Messier Marathon Buford Mountain
17 Sat	SLAS Dark Sky Observing
17 Sat	Kirkwood Park Star Party
21 Wed	SLPL - Central Library Star Party
21 Wed	Natural Bridge Library
22 Thurs	Cliff Cave Library
26 Mon	SLCL Headquarters Library
27 Tue	Wild Horse Elementary STEAM
28 Wed	Daniel Boone Library

April

5 Thur	SLAS Board Meeting - Nicoletti's
6 Fri	SLSC Public Telescope Viewing
8 Sun	SLAS Sky Orienteering
12 Thur	Manchester Parks
13 Fri	Wildwood Middle School
14 Sat	SLAS Dark Sky Observing

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 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 _____

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 \$ _____

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

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

SLAS OFFICERS

President	Jim Small	314-307-0692
president at slasonline.org		
Vice President	Bradley R Waller	314-481-7250
vicepresident at slasonline.org		
Secretary	Mark Jones	636-394-2342
secretary at slasonline.org		
Treasurer	Bill Winningham, (Don Ficken - membership)	636-357-2763
treasurer at slasonline.org		
Hospitality	Larry Campbell	636-244-2867
hospitality at slasonline.org		
Board Members at Large:		
	Tom Nickelson	314-346-9565
board20 at slasonline.org		
	Rich Heuermann	314-962-9231
Board19 at slasonline.org		
	Brent Buch	314-239-0329
Board18 at slasonline.org		
ALCOR	Bill Winningham	636-357-2763
(Astronomical League Correspondent) treasurer at slasonline.org		
MSRAL Rep.	Jim Small	314-909-7211
msral_rep at astroleague.org		

COMMITTEE CHAIRS

Dark Site Coordinator	Mark Jones	636-394-2342
darksite at slasonline.org		
Librarian	Jim Small	314-909-7211
librarian at slasonline.org		
Library Telescope Program	Don Ficken	636-851-9630
librarytelescope at slasonline.org		
Loaner Equipment	Greg Gaines	314-277-3082
loaner at slasonline.org		
Merchandise	Vacant	
merchandise at slasonline.org		
Membership	Don Ficken	636-225-0269
membership at slasonline.org		
Newsletter Editor	Jim Small	314-909-7211
newsletter at slasonline.org		
Observing Programs	Mark Jones	636-394-2342
observing at slasonline.org		
Publicity	Rich Heuermann	314-962-9231
publicity at slasonline.org		
Recognition	Larry Campbell	636-244-2867
recognition at slasonline.org		
Social Media	Michelle Birch	636-373-1102
social at slasonline.org		
'SLASdialogs' Moderator	Mark Jones, Rhonda Whelan	
dialogsmoderator at yahoo.com		
Star Party Coordinator	Bill Breden	314-276-3613
starparty at slasonline.org		
Telescope Making	Bill Davis, Jim Melka	314-469-3061
telescope at slasonline.org		

Devoted to the Interest and Advancement of the Science of Astronomy

ST. LOUIS ASTRONOMICAL SOCIETY

We're on the Web!
<http://www.slasonline.org>

Follow us on
Twitter: @stlastro
Facebook: @stlastro

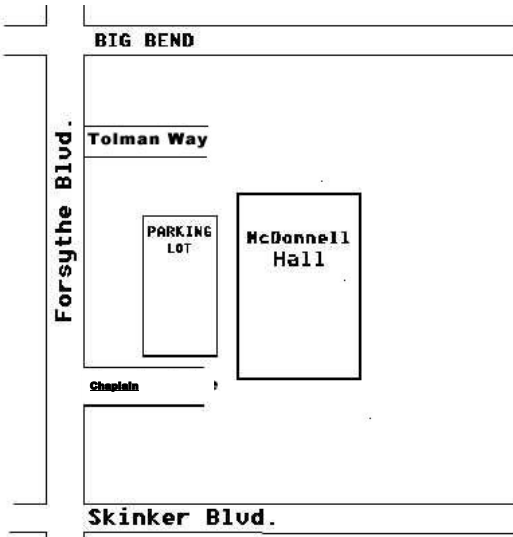


Who We Are and What We Do

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 anyone 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

Jim Small
13128 Cozyhill Drive
St. Louis, MO 63122

