

NOVA



Official Newsletter of the Salt Lake Astronomical Society

Volume 46 Number 5 September - October 2016

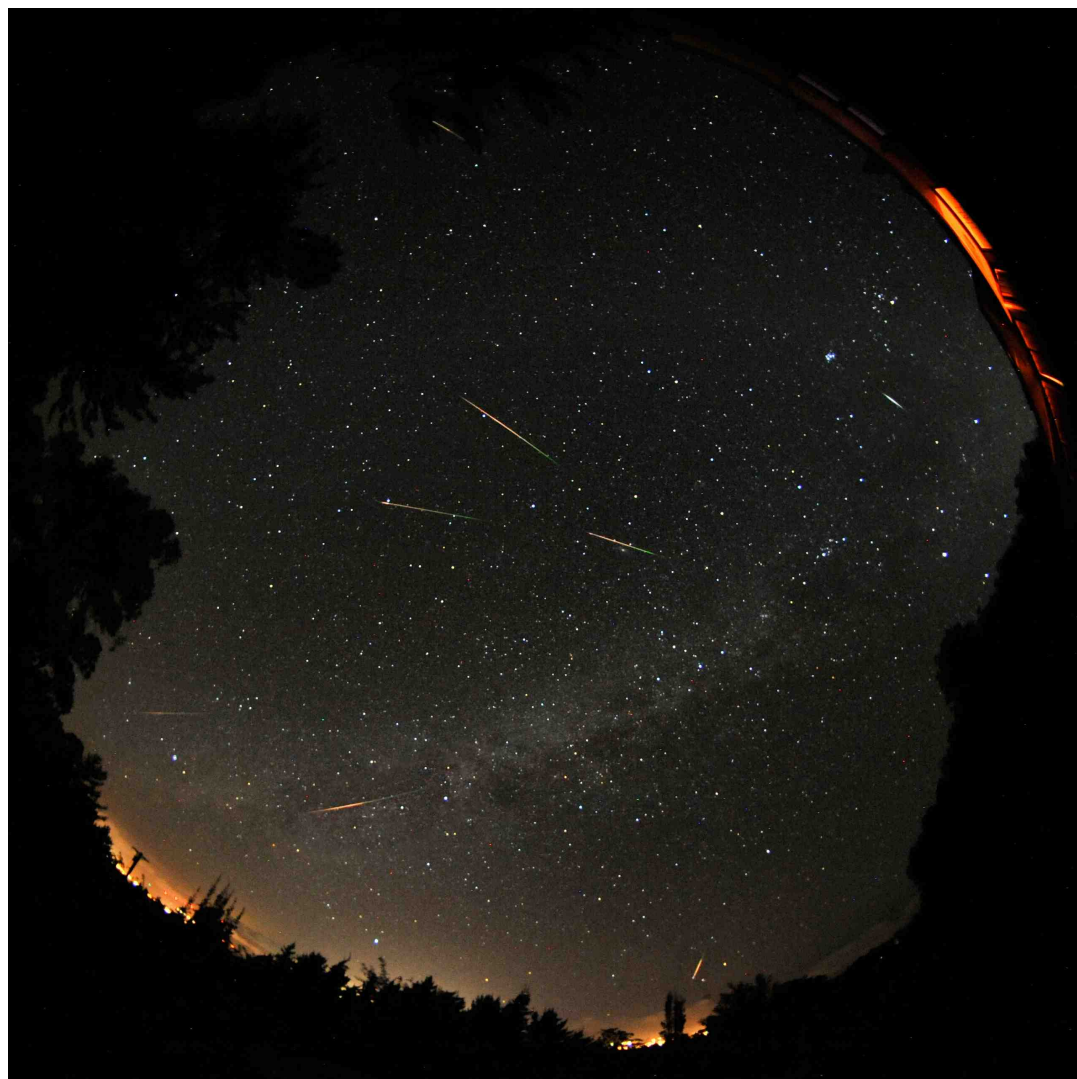
Please Welcome The Newest SLAS Members!

Burgess, Schylar
Dahlgren, Russell
Davenport, Justin
Doak, Katy

Duncan, Kenz
Erznoznik, Doreen
Johnson, Nathan
Knudsen, Maxwell

Lambrech, Stephen
Magilavy, Dan
Maw, Barbara
McClellan, Amy & Kerry

Mimitz, Michael
Pranke, Stephen
Roby, Andrew
Wilson, Hailey



Perseid Meteors by Rob Ratkowski

Rob shot this composite of 8 images the night of 12 August at his home in Kula, Maui.

Care to Edit the Nova?

I (your humble <?> editor) have been editing the Nova off and on for some 20 years. And I'm thinking maybe it's time to hand the job over to someone else.

Any takers? If interested please contact me at paw@digis.net.

MINUTES OF THE SALT LAKE ASTRONOMICAL SOCIETY BOARD MEETING

July 13, 2016

Note: these minutes were taken at the board meeting and compiled by Aleta Cox. Rodger Fry was not present at the board meeting so Joan asked if Aleta would take minutes.

Board members in attendance: Joan Carman, Aleta Cox and Don Knowlton

General members in attendance: Enid Norton, Sue Baxter, Patrick Wiggins, Deloy Pierce, Larry Holmes, Ken Porras, Nate Goodman, Dave Bernson and Luke Moses.

Meeting called to order: 7:00 PM by Joan

Financial Report

The financial report was reviewed as listed on the web site as of July 01, 2016 Financial Statement. It was noted that the Astronomical League dues have been paid and we have a \$150 left in that category.

Board Member Reports:

Don Knowlton reported that he is having good success getting operators for the telescopes at SPOC. Along with this, Enid Norton mentioned she received a message from a club member who is trained on the refractor, and wants to volunteer as an operator for a star party, doesn't know how to sign up and then the position is already filled. Don told her to get his name to him and he will see that he gets a chance to serve.

Aleta Cox said that we had a very successful star party at the Magna Library. They had a good turnout from the public and good support from club members. She thanks all the scope operators who came to support the event.

Aleta announced upcoming star parties on August 5th at Jordanelle State Park and also a star party on August 8th for Tooele Library, rescheduled from an earlier date. Both of these events are on the events calendar.

SPOC Report

Rodger Fry was not present to give a SPOC report, but Joan said that SPOC is looking great. If there are concerns about SPOC, please contact Rodger.

July General Meeting

Joan announced that July's general membership meeting would be a traditional show and tell. We will also have door prizes. She said she has all but two of the prizes- the 3x shorty Barlow lenses ordered will not ship until July 30th. She is going to cancel this order and replace them with 2x regular Barlow lenses as recommended by the board members present along with several other members' recommendations.

Library Loaner Scope Program Update

Joan told us that the SL Co Libraries are all excited about the loaner scope program. July is the month when the libraries are setting their budgets for the next year. She anticipates the libraries will order more telescopes for the program, but we don't know how many. We will have another build-out session sometime in September to fulfill the order.

The Salt Lake County Library system has produced a two-sided flyer about the telescope loaner program and is distributing it to their patrons. A copy was given to Patrick, who said he will put it on the Facebook page.

Joan has also ordered an additional 2,000 SLAS star party schedule flyers from Tooele Transcript. She suggested placing them in all the libraries in the SL County system. If we end up paying for them it was suggested we use ZAP funds. If they do it for free then no worries!

Quintin Foster Donation

There was a donation to SLAS made by SLAS member, Quintin Foster. He does not care where we use the money. The question was where to put the funds. It was decided that the donation should be placed in the general fund for now and can be transferred to the category where we need it later.

Star Party at Harmon's- Bangerter Crossing

SLAS will hold a star party at the Harmon's at Bangerter Crossing on August 12th. We will have a drawing to give away a 6" dobsonian telescope and a First Scope at this event.

Web Site There was no report on the website update due to Ryan's absence

Funding for the Clements Telescope Building

Now that the agreements have all been signed and notarized between all parties, Rodger Fry has put together a preliminary set of numbers for the cost of the building. This is an estimate only and Joan says that Rodger hopes his numbers are high and the actual bid will come in lower. He indicated that he will be working with Bob Moore, who has several philanthropist friends who might be willing to donate money to make this building happen. Larry Holmes suggested contacting the State of Utah Tourism department about possible funding donations. Joan then mentioned that Tooele Co. Commissioner, Shawn Milne, is pursuing state monies to help fund the project.

Clark Planetarium

Joan mentioned that the Clark Planetarium is looking for volunteers to help with the Solar Eclipse in 2017. It will be a 91% eclipse seen from Salt Lake City, and those not going elsewhere to see it in totality are encouraged to volunteer to help the planetarium.

Old Business

No old business.

New Business

Patrick Wiggins brought up the fact that he has been editing the NOVA newsletter off and on for a total of twenty (20) years and wondered if anyone else was interested in taking on the job. He is still willing to continue doing it, but would like to give someone else the opportunity if desired.

Dave Bernson announced on behalf of Lowell Lyon and the Astronomical League that they going to have a big party during and before the big solar eclipse next year. They will be looking for volunteers to help with star parties at night both in town and also at alternate locations. Contact Lowell Lyon for the details.

Pay Bills

Don, Aleta and Joan remained afterwards to pay bills. Joan submitted receipts totaling \$460.93 for the door prizes to be given away in July's general meeting and also a bill for the shipping the Meade telescope drive unit to Meade for repairs. Don wrote out the check and both he and Aleta signed it for Joan.

Deloy Pierce gave Joan a check to renew his SLAS dues. Joan said she will give the check to Rodger.

Meeting Adjourned: 7:34 pm

General Meeting Minutes

Date: July 20, 2016 7:30 PM

Location: Room 207 Calvin Rampton Technology Building at Salt Lake Community College

Attendance: 55 members and guests

SLAS President, Joan Carman welcomed all in attendance and introduced our 2016 SLAS board (Ryan Simpkins and Don Knowlton were both absent).

1. The three board members present first passed out tickets for the drawing to all members in attendance.
2. Joan Carman played a video documenting the Apollo 11 mission that landed on the moon 47 years ago today (very good video and a great moment to reflect on where we have been and what it took to get there!).
3. Siegfried Jachmann displayed a picture taken of him earlier this year with Buzz Aldrin who was at the Salt Lake ComicConn event. Siegfried was dressed in a white vest as was made famous by Gene Kranz.
 - a. Siegfried then played a video taken at the ATK test burn of the solid fuel booster rocket last month
 - b. Siegfried then demonstrated how to make and use a mask that will help split close double stars with the secondary star being a much dimmer star than the parent star such as Sirius.
4. Tony Sarra then also showed a picture of himself along with Buzz Aldrin taken at ComicConn
 - a. Tony then showed an old computer memory device that would have been used at the time of the Apollo 11 mission and demonstrated how crude technology was then and how far we have come.
 - b. Tony then showed and explained the use of his h-Alpha filter for solar viewing and indicated that it showed very high amount of detail on the surface of the sun when in use.
5. Craig George showed images that he captured using an 80-mm refractor connected to his Cannon Rebel camera. The image was a 30-second exposure of the Andromeda galaxy taken with an ASA setting of 6400. It was outstanding
6. Jamie Bradley showed his video of the ATK rocket motor test.
7. Lowell Lyon discussed AstroCon 2017 and mentioned that rooms are going fast and that 369 rooms of a total of 800 have been booked. He projects that all rooms will be booked by the end of August this year. The event will be in August 2017.
8. Aleta Cox announced upcoming star parties at Jordanelle State Park on Aug. 5, and Tooele Library on Aug. 8 (rescheduled from earlier cancellation) Aleta also showed an eyepiece holder she made to attach to her telescope.
9. The drawing of door prizes then commenced and the lucky winners were as follows:
 - a. Kirk Maw (new member) 25X70 Binoculars
 - b. Jamie Bradley 3X Barlow lens
 - c. Dave Bernson 17mm Plossl eyepiece
 - d. Craig & Ann Blanchard 25X70 Binoculars
 - e. Luke Moses Sky Atlas
 - f. Rob Robinson 12.5mm Plossl eyepiece
 - g. Cecile Oldham 25X70 Binoculars
 - h. Richard Pavell Sky Atlas
 - i. Mike Anderson OIII filter
 - j. Ed Erickson 3X Barlow Lens
 - k. David Bonner 25X70 Binoculars
10. Joan Carman then highlighted the success of the library loaner telescope program and that there is a waiting list of 13 people at the Magna Library and 18 at the Hunter Library.
 - a. Joan indicated that the library system would like to do more of the telescopes and we will probably be asking for volunteers to help modify them in the near future.
11. Rodger Fry updated the members on progress made on the Clements telescope building. We are looking for a budget of \$60K in addition to the matching grant of \$25K from Tooele County. We have one philanthropist interested in donating up to \$75K and should know more by the first of next week.

12. Joan Carman had drawn a map of the SLCC campus on the white board and indicated that starting next month, the free parking will be in lot "Q" which is to the East of the Calvin Rampton building that we meet in.
13. Upcoming general meetings are as follows:
 - a. Aug Bill Dunford NASA report on the Cassini Mission
 - b. Sept Kyle Dawson U of U on Where we are in the Universe
 - c. Oct Tony Sarra, Don O'Cain and Clarence Spencer Astrophotography Panel
 - d. Nov Open
 - e. Dec Solstice Party
14. Meeting adjourned for advanced training at 9:00 PM

MINUTES OF THE SALT LAKE ASTRONOMICAL SOCIETY BOARD MEETING
Aug 10, 2016

Board members in attendance: Joan Carman, Ryan Simpkins, Aleta Cox, Don Knowlton and Rodger Fry

General members in attendance: Enid Norton, Sue Baxter, Patrick Wiggins, Bill & Becky Baker, Nate Goodman, Charlie Green and Dave Bernson.

Meeting called to order: 7:03 PM

Financial Report

The financial report was reviewed as listed on the web site as August 01, 2016 Financial Statement. It was noted that this report was in error because Rodger Fry had entered the wrong amount (he overlooked one receipt in the amount of \$35.63 and the check was written while he was out of town) for a check written to a board member and until that check cleared the bank in August, it was left undiscovered. The books have been corrected to reflect the correct amounts.

Board Member Reports:

Ryan Simpkins reported that SLAS has been named as "Best of Utah" by Salt Lake Magazine because of our public outreach program. A laminated sheet reflecting this achievement was sent to Ryan and it will be placed at SPOC for the public to see.

Ryan mentioned that it has been difficult to justify expenses for advertising star parties the past couple of months because of unpredictable weather. He is hopeful that in August we will be able to advertise with reasonable certainty that the star parties will be held.

We received an additional grant from Adobe in the amount of \$1080.00. This grant was for donated service hours to SLAS performed by Ryan Simpkins and Don Knowlton.

Joan mentioned that a visitor staying at the Little America Hotel may need a ride to SPOC. Rodger offered to give her a ride if no one else can but because he must go early, it might be best for someone else to give the ride. Joan will try to find someone.

Rodger Fry reported as Observatory Director that some users of the observatory are getting lax in following established protocol. He mentioned that he sent an email to all SPOC users outlining the procedures that should be followed and indicated that in the future, if a person deviates from the protocol, they will be given a warning and on a second offense, they must relinquish their SPOC key.

Aleta Cox said that we had two very successful special star parties. The first at Jordanelle State park was last Friday night and attended by about 40 guests. Rodger Fry put on a PowerPoint presentation and then the clouds lifted and viewing of the night sky followed with Rodger Fry and Alpine Stringham providing telescopes. The second star party was this past Monday at the Tooele Library where they had about 100 in attendance and six telescopes set up. The Tooele Library would like to do this again next year.

Aleta also said that upcoming special star parties include the rescheduled star party at St. Olaf's school in Bountiful on September 29th and Monte Vista School in South Jordan on September 6th.

Aleta mentioned that the past manager of the Bangerter Crossing Harmons has been transferred to the Brickyard and she spoke with the new assistant manager of the Bangerter Crossing star party when she dropped off the sign and he seemed supporting of this event.

Don Knowlton mentioned that he has had good success in getting volunteers for the SPOC star parties and that this week's assignments have been filled after Bill Baker offered to be the primary operator on the Bogden Telescope. Rodger Fry will provide his recertification training at 7:15 PM on Saturday evening.

Don mentioned that he doesn't have anyone signed up to operate the telescopes for the Stansbury Days star party on August 20th. Dave Bernson volunteered to operate the Grim telescope that evening.

SPOC Report

Rodger Fry noted that high temperatures at the observatory have created some issues that needed attention. This caused the track on the west side of the Grim bay to expand and separated from the base plate. Rodger Fry and Bruce Grim welded this and then cut grooves in the track to allow for expansion so the observatory is functional. Also, the hot weather softened the double-sided tape holding two of the security sensors on the doors allowing them to fall. Rodger Fry bonded these down with epoxy glue.

Library Loaner Scope Program

Joan mentioned that the Saint Louis Astronomical Society (the other SLAS) modified 48 telescopes last week and now have 131 in their loaner program. She indicated that the Salt Lake County library system is interested in getting more but have not committed the funds as of yet.

A 6-inch Dob and First Scope to be Given Away at the Bangerter Crossing Harmon's this Friday

It was determined that the drawing for the Dob should include children from 11-18 years of age and the First Scope 5-10 years

Stansbury Days

It was determined that at Stansbury Days, we will give away the 90mm telescope and 60mm spotting scope to children of all ages (5-18 years of age) and two copies each of the Stars and Night Watch.

Rodger indicated the importance of recognizing the Stansbury residence for their support of SLAS and SPOC by making sure we fully staff the observatory for this event which is on August 20th.

NOVA Editor

Patrick Wiggins has been the NOVA editor off and on for 20 years and would like to find someone to take on this responsibility. Joan said that she will address this at the August general meeting.

Web Site

Ryan Simpkins said that he would like to find someone good at graphic design to help layout the graphics for the new web site.

Funding for the Clements Telescope Building

Rodger Fry indicated that Bob Moore was to meet with the prospective donor for the funding today but this meeting was postponed by the donor until Friday. Rodger Fry and Bob Moore will meet on Friday to discuss further options in the event that the prospective donor fails to come through

Old Business

No old business

New Business

No new business

Pay Bills

Two checks were signed to reimburse board members for expenses incurred.

Meeting Adjourned: 7:57 pm

General Meeting Minutes

Date: August 17, 2016 7:30 PM

Location: Room 209 Calvin Rampton Technology Building at Salt Lake Community College

Attendance: 51 members and guests

SLAS President, Joan Carman welcomed all in attendance and introduced our 2016 SLAS board (Don Knowlton was absent).

1. Joan Carman discussed the upcoming Stansbury Days this Saturday and urged operators to support this by insuring that all telescopes are staffed for the star party we put on for them. She emphasized the support that they give to our club and that we need to recognize this by supporting their activity.

2. Bill Dunford-JPL writer presented a very good lecture on the "Cassini the Grand Finale at Saturn"

a. Web sites that he presented that can be used as a resource for images are as follows"

a.i. Saturn.jpl.nasa.gov

a.ii. @cassinisaturn

a.iii. Solarsystem.nasa.gov

a.iv. Eyes.nasa.gov

3. Business meeting started at 8:25 as follows:

a. Mike Clements telescope update was given. Joan Carman showed scans of the Popular Mechanics Magazine that featured the telescope in their issue "How to Make Anything". Rodger Fry then talked about progress on the funding and announced that one individual has committed to \$10,000 donation to name the telescope and a very interested philanthropist will be visiting the telescope next week in anticipation of donating the additional moneys needed. Tooele County has been notified that we expect to have funding in excess of \$25,000 shortly and thereby qualify for the Tooele County matching fund grant.

b. Joan Carman announced that Salt Lake Magazine recognized the Salt Lake Astronomical Society for our service to the community by providing free public star parties. They presented us with a laminated certificate that will be framed and put on display at SPOC.

c. Ryan Simpkins asked for support from members if there is anyone with graphics designing experience.

d. Joan Carman talked about the telescope loaner program with the Salt Lake County Library system. She said that they hope to have additional funding for more telescopes but this probably won't happen until early next year.

e. Aleta Cox asked for volunteers to help support the two upcoming school star parties as follows:

e.i. Monte Vista Elementary 11121 So. 2700 W. on Sept. 6, 2016 from 8:00-10:00 PM

e.ii. St. Olafs in Bountiful on Sept. 29th from 7:00-9:00 PM If this date is clouded out they want to try for Oct.6, 2016

f. Upcoming general meetings are as follows:

f.i. Sept Kyle Dawson U of U on Where we are in the Universe

f.ii. Oct Tony Sarra, Don O'Cain and Clarence Spencer Astrophotography Panel

f.iii. Nov Sir Isaac Newton (submit questions to ask him)

f.iv. Dec Solstice Party Dec 3, 2016 Golden Corral in Midvale

4. Nomination for Board meeting as follows:

a. President- Dave Bernson

b. Vice President-Don Knowlton

c. Board Members at Large- Aleta Cox, Nate Goodman, Luke Moses, Fletcher Gross

d. Sec/Treas.-Rodger Fry

5. Meeting adjourned for advanced training at 8:55 PM

SLAS Member Information

The SLAS Member Information file is available at <http://slas.us/slasbooks/NEWMEM.PDF>.

Loaner Telescopes For SLAS Members

SLAS has several scopes available for loan to current SLAS members. Check the SLAS website under "Membership Benefits" for details.

2016 SLAS Board of Directors

President	Joan Carman	801.943.4192	jcarman6@q.com
Meetings			
Vice President	Ryan Simpkins	801.602.8661	simpkins.ryan@gmail.com
Publicity, PR and Web Content			
Secretary-Treasurer	Rodger Fry	801.288.0851	rcfry@comcast.net
Membership Dues & Renewals			
Board Member at Large	Don Knowlton	801.372.7504	carlosknowlton@gmail.com
SPOC Star Party Coordinator			
Board Member at Large	Aleta Cox	801.966.2636	alc@fredccox.com
School & Special Star Parties			

Appointed Positions

Astronomical League Contact	Ryan Simpkins	801.602.8661	simpkins.ryan@gmail.com
Equipment Manager	Anderson, Mike	801.910.0997	fisherman285mike@gmail.com
Historian	Patrick Wiggins	435.882.1209	paw@digis.net
NASA Night Sky Ambassador	Ann House	801.671.8447	ann@annhouse.org
Newsletter Editor	Patrick Wiggins	435.882.1209	paw@digis.net
Observatory Director	Rodger Fry	801.288.0851	rcfry@comcast.net
Private Star Party Coordinator	Don Colton	801.571.9757	dcoltonsprint@earthlink.net
Solar Scope Manager	Ken Porras	801.210.8427	kennethprrs@gmail.com
Webmaster	Ken Warner		webmaster@slas.us
ZAP Grant Writer	Ann House	801.671.8447	ann@annhouse.org

Current SPOC Advisory Committee

Chair through DEC 2018	Rodger Fry	801.288.0851	rcfry@comcast.net
Member through JAN 2018	Rodger Fry	801.288.0851	rcfry@comcast.net
Member through JAN 2018	Stan Eriksen	801.446.1479	staneriksen@icloud.com
Member through JAN 2017	Larry Holmes	801.467.7855	larry@kijoda.com
Member through JAN 2018	Bill Kennedy	801.964.6199	truss_tube@hotmail.com
Member through JAN 2018	Nate Goodman	801.277.0193	ngoodman@lgcy.com
Member through JAN 2019	Ken Porras	801.210.8427	kennethprrs@gmail.com
Member through JAN 2017	Patrick Wiggins	435.882.1209	paw@digis.net
Member while SLAS President	Joan Carman	801.943.4192	jcarman6@q.com
Member as Obser. Dir. Emeritus	Bruce Grim	435.882.5237	bmargrim@msn.com
Member while Harmons Rep.	Tara Haynie		

Current SPOC Telescope Instructors

Mike Andersen	Ealing	801.910.0997	fisherman285mike@gmail.com
Dave Bernson	Refractor, Ealing, Grim	801.263.9264	dustynebula@gmail.com
Rodger Fry	Refractor, Ealing, Grim	801.288.0851	rcfry@comcast.net
Bill Kennedy	Refractor, Ealing	801.964.6199	truss_tube@hotmail.com
Patrick Wiggins	Refractor	435.882.1209	paw@digis.net
Dale Wilson	Grim	801.518.7859	dalel2112@yahoo.com
Mike Wilson	Ealing	801.508.1050	astro_outwest@yahoo.com

NOVA is a publication of the [Salt Lake Astronomical Society](#), a non-profit organization. Nova contains minutes of meetings, Board member names & contact info, activities, reports and special club events. The editor of NOVA is appointed by the Board. Members are encouraged to contribute content. Current NOVA editor is Patrick Wiggins, paw@digis.net.

Events Calendar

September 2016

09 Public Star Party - Cougar Harmons, 4872 W 6200 S, dusk to 10:00
10 Public Star Party - [SPOC](#), dusk to 10:00
14 Board Meeting - Denny's restaurant, 250 W 500 S, 7:00
17 Public Sun Party - Winchester Park, 6400 S 1100 W, dusk to 10:00
21 General Meeting - SLCC's [Rampton Technology Building](#), room 203, 7:30
23 Public Star Party - [Wheeler Farm](#), 6351 S 900 E, dusk to 10:00
24 Public Star Party - [SPOC](#), dusk to 10:00

October 2016

07 Public Star Party - Harmons West, 3955 W 3500 S, dusk to 9:00
08 Public Star Party - [SPOC](#), dusk to 9:00
10 Board Meeting - Denny's restaurant, 250 W 500 S, 7:00
15 Public Sun Party - Winchester Park, 6400 S 1100 W, dusk to 9:00
19 General Meeting - SLCC's [Rampton Technology Building](#), room 203, 7:30
21 Public Star Party - [SPOC](#), dusk to 9:00
22 Public Star Party - [SPOC](#), dusk to 9:00

November 2016

09 Board Meeting - Denny's restaurant, 250 W 500 S, 7:00
16 General Meeting - SLCC's [Rampton Technology Building](#), room 203, 7:30

December 2016

03 Solstice Festival at Golden Corral 665 E Fort Union Blvd, Time TBD
14 Transitional Board Meeting - Denny's restaurant, 250 W 500 S, 7:00

View a list of all SLAS events online on the [Events Calendar](#)

Campaign statements:

Bob Moore, write in candidate for SLAS 2017 Vice President

SLAS'ers. 2017 looks to being a great year for us. While I have not been able to be as active the last few years in SLAS events and activities, my other commitments have ended and I am now able to put the time in to filling the Vice President responsibilities with full energy. I look forward to doing my part to help SLAS continue its legacy as a great organization.

Should you choose to have me as the Vice President for 2017, I will do my best.

Thank You
Bob Moore

Aleta L. Cox, candidate for SLAS 2017 Board Member at Large

It has been an honor serving as a Board Member-at-Large this year. I have been coordinating the School and Special Star Parties, and serving as the Public Outreach Director. We have had so many requests this year for special star parties- too many to accommodate everyone, and so we have had to turn some away. I have done my best to take care of these requests respectfully while simultaneously maintaining SLAS's professional reputation in our community.

At this time I publicly want to thank all club members who have come to the Special and School Star Parties scheduled this year and tell you how much I appreciate your support at these events. Also thank you to those who stepped forward to fulfill some special requests for smaller groups. I really appreciate you as well. You are all very generous with your time and knowledge. I have received many compliments on how wonderful our star parties are and that our interaction with students at schools is fabulous. Keep up the great work!

I have been nominated for the office of Board Member-at-Large for the coming 2017 calendar year. If you elect me to serve a second year on the Board, I promise that I will do my very best to fulfill the requirements of the office and be supportive to club events and activities. Thank you, Aleta L. Cox

BJoe Bauman, write in candidate for SLAS 2017 Vice President

I'm running for your write-in vote for vice president. I have served as SLAS secretary-treasurer and vice president and I'm proud of my efforts then. Probable 2017 President Dave Bernson is a great man and I work well with him.

I covered astronomical stories and wrote columns about astronomy for decades before my retirement from the Deseret News in 2008, and followed that with astronomy blogs for the paper. My wife Cory, son Sky and I particularly enjoy solar eclipses. If elected, a main goal will be to write and distribute exciting and accurate information about the great solar eclipse of next August.

My concerns include fairness and the complete openness of this club. No board discussions should be held secretly, outside the observation of the members - an email practice that has happened. Reform is possible with your support. I also feel strongly that SLAS should maintain our independence and not become subsumed by a larger organization - i.e., Clark Planetarium -- despite my many years of friendship with the Clark family.

But most of all, I want to help our wonderfully diverse membership learn more about astronomy and enjoy our hobby to the fullest, with interesting meetings and events. If you'd like my service, kindly log in at this site <http://slas.us/memberlogon.asp> and vote on line by writing in Joe Bauman in the vice presidential slot, as soon as convenient.

Thank you, Joe

BALLOT
SALT LAKE ASTRONOMICAL SOCIETY
2016 ELECTION

PRESIDENT

_____ DAVE BERNSON

_____ (write in)

VICE PRESIDENT (write in only)

_____ (write in)

SECRETARY / TREASURER

_____ RODGER FRY

_____ (write in)

BOARD MEMBER AT LARGE (choose two)

_____ ALETA COX

_____ NATE GOODMAN

_____ LUKE MOSES

_____ FLETCHER GROSS

_____ (write in)

_____ (write in)

Instructions:

Only current members who were members of the Salt Lake Astronomical Society on 01 September 2016 may vote in this year's election.

Print this page and then mark your choices and place the ballot in the ballot box at the 19 October 2016 General Membership Meeting of the Salt Lake Astronomical Society.

OR

Login here, <http://slas.us/memberlogon.asp>, and vote online.