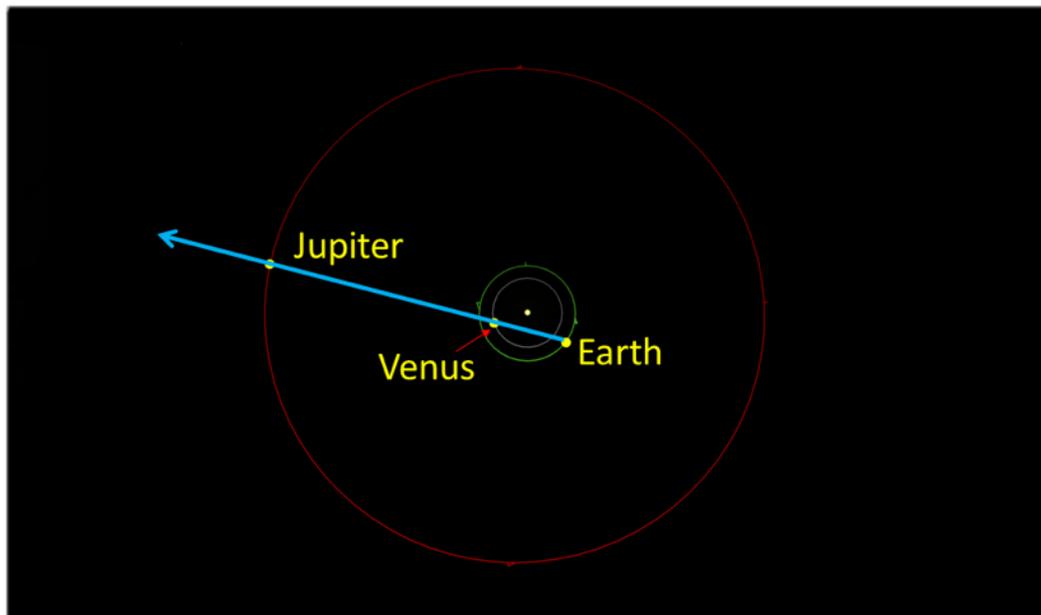




Starword

A Louisville Astronomical Society Publication



The Great Venus-Jupiter Conjunction

Venus and Jupiter to be separated by 4 arc minutes in August

August aims to please, as Earth, Venus and Jupiter move into nearly perfect alignment, resulting in a spectacularly narrow separation between Venus and Jupiter in the night sky—about 4 arc minutes apart! Read more about this astronomical event [by clicking here](#). **More special events in August:**



**STEVE WATSON VISIT #1
(JUNO PROJECT ENGINEER)**

August 5, 2016 at the Urban Astronomy Center at 8:00 p.m.



**STEVE WATSON VISIT #2
(JUNO PROJECT ENGINEER)**

August 6, 2016 at LAS Curby, Indiana facility at 8:00 p.m.



MORE EVENTS ARE ON OUR WEBSITE!

Visit our [website's event calendar](#) and join us at a future outing!



Juno Has Arrived!

Read about the Juno mission's arrival on Page 3!



June Board Meeting Minutes Approved!

See Page 4 for a copy of the June board minutes.



Not a member yet? Join us!

Become a member online [by clicking here](#). Thank you!

President's Column

LAS President, Ken Alderson

This first edition of the Starword from LAS secretary Becky Steele continues a long line of Starwords that extend back to 1933 and the founding of the Louisville Astronomical Society. We thank all past editors for their efforts and the way each of them presented information vital to understanding our society, astronomy and spreading the word about the LAS as we fulfill our mission of promoting astronomy to the people of the greater Louisville area.

Each had its own style from a newsletter that was printed and mailed out to original members and then ,with the advent of the Internet, the Starword became unlimited as to content and became a compendium of interesting articles and club news.

This new format offers the best of all worlds-ours and all the other worlds we gaze upon. In combination with our new website, it will be a welcome bi-monthly publication that will link us to astronomy worldwide and, most importantly, link us to each other.



In the next few months, we will be presenting immediate, short term and long term goals for the LAS so that we can move ahead in an organized way that goes along with our new approach

F.A.S.T—FUN with ASTRONOMY through SCIENCE and TECHNOLOGY! Read future Starwords for more details on this exciting approach to our Future as we F.A.S.T Forward together!

Sincerely,

Ken Alderson

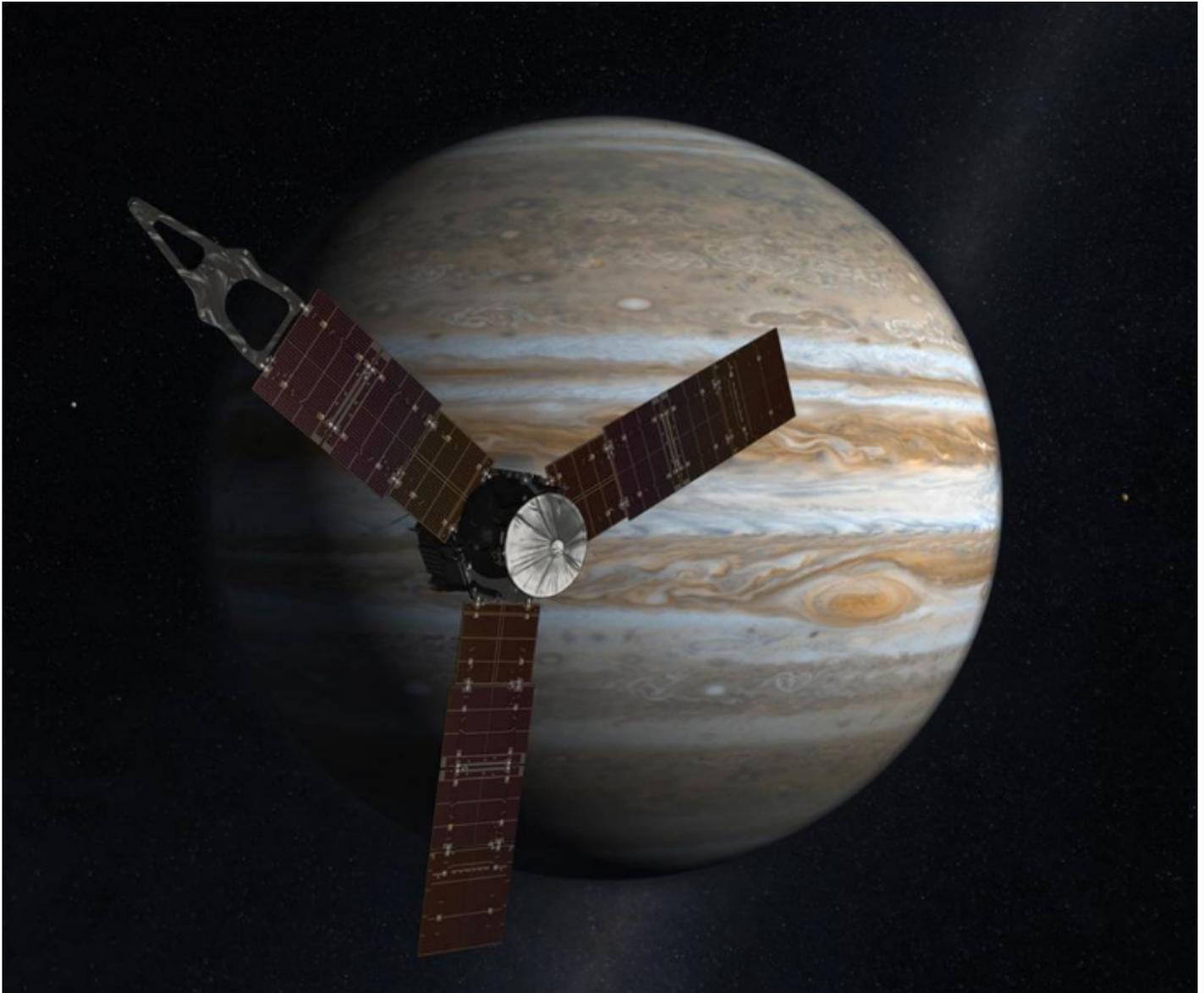
LAS President

**“F.A.S.T. = FUN with
ASTRONOMY through
SCIENCE and
TECHNOLOGY!”**



Juno Has Arrived!

The spacecraft Juno entered its first of 32 orbits around Jupiter on July 4, 2016



Juno embarked on its 1.74 billion mile (18.7 AU) journey to Jupiter on August 5, 2011 (almost five years ago), and it's finally arrived! This NASA-JPL mission follows immediately after the New Horizons mission, and will be just as exciting to follow over the coming months! Visit the [Juno Mission page by clicking here](#), where you can stay up-to-date on all things Juno!

Louisville Astronomical Society Board Meeting Minutes: Tuesday, May 31, 2016

(Minutes by Steve Armbrust, Becky Steele, Ken Alderson)

Board Members Present:

- Ken Alderson, President
- Chris Allred, Vice President
- Jeff McCaffrey, Treasurer
- Ronnie Yates, Librarian
- Frank Nelson, Sidewalk Astronomy Chair
- Ted Erne, Lunar & Planetary Chair
- Steve Swinney, Historian and now Chairman of the Board
- Warren Philpot, Board Member at Large & Membership Committee Chairman
- Becky Steele, Starword Editor
- Steve Armbrust, Secretary

LAS Members Present:

- Frank Kennedy
- Ed Heine

1. Meeting was called to order at 7:03 pm by LAS President Ken Alderson.
2. After introduction of board members, the election of a board chairman took place. President Ken Alderson nominated Historian Steve Swinney for chairman. After asking for nominations from the floor, nominations were closed. After a second by Chris Allred, Swinney was elected unanimously.
3. President Alderson turned the meeting over to chairman Swinney.
4. Draft minutes were admitted by Chairman & Historian Steve Swinney and corrected to state that Ed Sharp's membership was for the last two years and not the next two years. Minutes were accepted as corrected.

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Board Meeting Minutes (continued)

Officer Reports

1. Chairman Steve Swinney mentioned that Tom Empson would be resigning from the Member at Large position from the Board of Directors for personal reasons.
2. After talking to Ed Sharp, Chairman Steve Swinney nominated Ed Sharp for the position of Member at Large. A motion was made and later (separately) seconded by Frank Nelson. The board voted unanimously in favor of the motion.
3. Treasurer Jeff McCaffrey provided the financial report. The report is attached to these minutes.
4. President & LAS Scout Coordinator Ken Alderson discussed the existing Scouts program and expanding the program reach to regional chapters. He is working to reorganize the instruction for merit badges, and wants to update the Powerpoint presentations. He mentioned there had been an update different levels to achieving the badge, with more of a STEM focus.
5. Librarian Ronnie Yates reported on the future donation of old books and magazines to schools or organizations with youth astronomy programs. As Curby Director, Ronnie also gave an update on the progress at Curby on the tasks assigned by the prior board of directors. He also reported that the gravel was completed at a cost of \$440. President Ken Alderson questioned the size of the road pipes (two pipes at 6" each). Ronnie decided to keep the existing pipe size. A few other facility updates were provided.
6. Sidewalk Astronomy Chairman Frank Nelson gave his report, and mentioned that he should be the point of contact for scheduling events and recruiting telescope volunteers. He has established a method of record-keeping and will coordinate with Warren Philpot on updating the website. He brought up the successful distribution of information cards and tabled the conversation for the New Business portion of the meeting.
7. Lunar & Planetary Chairman Ted Erne had no report to the board. He did mention presenting at the general meeting and recommended establishing a time limit of 10 minutes for reporting at the General Meeting.

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Board Meeting Minutes (continued)

8. Vice President Chris Allred reported briefly on upcoming programs for June, and tabled the details for the new business portion of the meeting.
9. Board Member at Large & Membership Committee Chairman Warren Philpot discussed establishing a better procedure for accepting membership checks, because right now LAS receives funds from the website via Stripe, which is well integrated into the website. But we also receive payments via PayPal and by the mailing of handwritten checks, both of which are external to the website. Some new members have waited over 30 days for approval. Jeff mentioned he can go by the PO box and get the mail one time per week.
10. Starword Editor Becky Steele announced that she would coordinate with our LAS Scout Coordinator Ken Alderson on formalizing the Astronomy badge with the Girl Scouts of Kentuckiana. She would be having a meeting with them in July.
11. Member Frank Kennedy offered to trade a Celestron tripod with Equatorial mount for LAS's 9mm eyepiece, a barlow, a set of planetary eye filters and a Meade equatorial wedge. A motion was made and seconded, and the board unanimously approved the trade.

Old Business:

1. Search of past minutes for look at things not actually done. Former secretary Karin Harle sent the 2014, 2015, & 2016 minutes to our PO box on a thumb drive, and turned over her copy of the constitution and the bylaws. Jeff McCaffrey was going to bring those to the UAC and give them to Historian Steve Swinney.
2. President Ken Alderson brought the Christmas party up for discussion, with a question as to whether to hold the party at Kingfish or at UAC with catering. Kingfish would require a \$500 nonrefundable deposit. A motion was made to find out if the Friday, December 16 date was available, and if so, permission would be granted by the board for President Ken Alderson to put down the aforementioned deposit. The motion received a second and was unanimously approved.

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Board Meeting Minutes (continued)

3. President Ken Alderson reported that we run through the 800 handout cards we had printed. The board (Warren) recommended that we purchase 1,000 cards for \$50 on astro-yellow for cardstock. Motion was made and seconded, and was approved unanimously.

New Business:

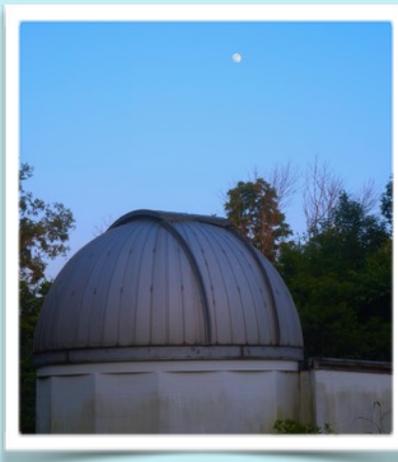
1. A discussion took place regarding maintenance, repair and supplies at Curby and the UAC, as well as the cost of printing of outreach materials. President Ken Alderson moved to approve the ability to spend funds up to a limit of \$800 annually, and the board recommended to take the total to \$1000 (\$500 at Curby, \$400 at UAC and \$100 for printing). Member at Large Warren Philpot recommended that Librarian & Curby Director Ron Yates be approved to spend budget for maintenance and repairs at Curby. Starword Editor Becky Steele made the motion that President Ken Alderson have the ability to spend on maintenance and repairs as needed, a second was given. The board approved the motion, and Member at Large Warren Philpot abstained.
2. President Ken Alderson brought up for discussion the visit of Steve Watson (NASA Deep Sky Network) in August. Ken will handle the advertising of the event, namely through the Corydon Democrat and other local publications. The event will take place on Friday, August 5 at 8:00 pm at the UAC, and Saturday, August 6 at 8:00 pm at Curby.
3. Vice President Chris Allred recommended that he head up the sale of surplus equipment, and the board unanimously appointed Chris Allred as committee chairman.
4. A brief discussion was held on the establishment of fund-raising committee. Due to the complexity of the issue and time on hand, the discussion was temporarily postponed.
5. A motion was made, seconded and approved by the board of directors for the membership committee to approve minutes (so that we don't have to wait until September), and the decision was made to have meetings in July & August on the second Tuesday of every month.
6. A discussion was held on the necessity to RSVP for attendance at Curby for planning purposes, with no action taken at the time.

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Board Meeting Minutes (continued)

7. President Ken Alderson reminded the board of the upcoming visit to the Moore Observatory.
8. A discussion was held on the scheduling of multiple events on the same day, but no action was taken at the time.
9. Librarian & Curby Director Ronnie Yates mentioned Curby needed new grill. Treasurer Jeff McCaffrey volunteered to buy a Weber grill for Curby. A motion was made, seconded and unanimously approved for Jeff McCaffrey to purchase the grill.
10. Starword Editor Becky Steele was to follow up with Time Warner Cable regarding their Connect a Million Minds grant.

Chairman Steve Swinney called for adjournment and a motion was made, seconded and unanimously approved to do so.



LIKE STAYING INFORMED? JOIN US ON FACEBOOK TOO!

For regular updates on upcoming events, please join our Facebook group by searching for "Louisville Astronomical Society" or [click here](#) to be taken straight to our page!

As always, members will be sent event email notifications prior to upcoming events.

If you haven't already become a member, [join us](#) today and we look forward to seeing you at our next event!