

RASC SUDBURY CENTRE

Club Website

www.sudburyastronomyclub.com



Fri February 7, 2020

Time 7:30 pm

February Meeting Agenda

- | | |
|----------------------------|----------------|
| 1) Greetings | Robert Pothier |
| 2) Sudbury Centre Business | Robert |
| 3) Treasurer's Report | Monique |
| 4) Nominations | Pete/Rob |
| 5) Break | |
| 6) Elections | Pete/Rob |

Our February meeting will be our AGM as it has been in the past. On the next page is a nomination form that you can fill out if you are interested in running for any of the executive positions that are up for re-election.

Please note that the Treasurer's position and the Director of Outreach positions are NOT up for re-election this year.

Keep our club vibrant—attend the meeting and vote for your executive.

I have included an updated Nomination Form that you can print and fill out if you are interested in running for an Executive Position.



Nomination Form for RASC-Sudbury Centre Executive Positions

The RASC-Sudbury Centre Club bylaws (from the original SAC bylaws) state that elections for Executive Positions must be held every two years. These elections are always held at the February meeting. Every position is for a two-year term

Please ask an executive member about the duties of the positions. Bylaw job descriptions are available, but do not necessarily give a clear image of the duties that the position may carry.

It is our opinion that no position on the board requires a large time-commitment. Members are encouraged to consider getting involved and help the club move forward.

The duties that I have carried and witnessed, and the duties I have seen my fellow executive members handle were never inconvenient, time-consuming, or considered to be chores for us. I believe that we have become a team that takes pride in nothing more than another chance for friends to get together each month to discuss astronomy. Keep looking up!

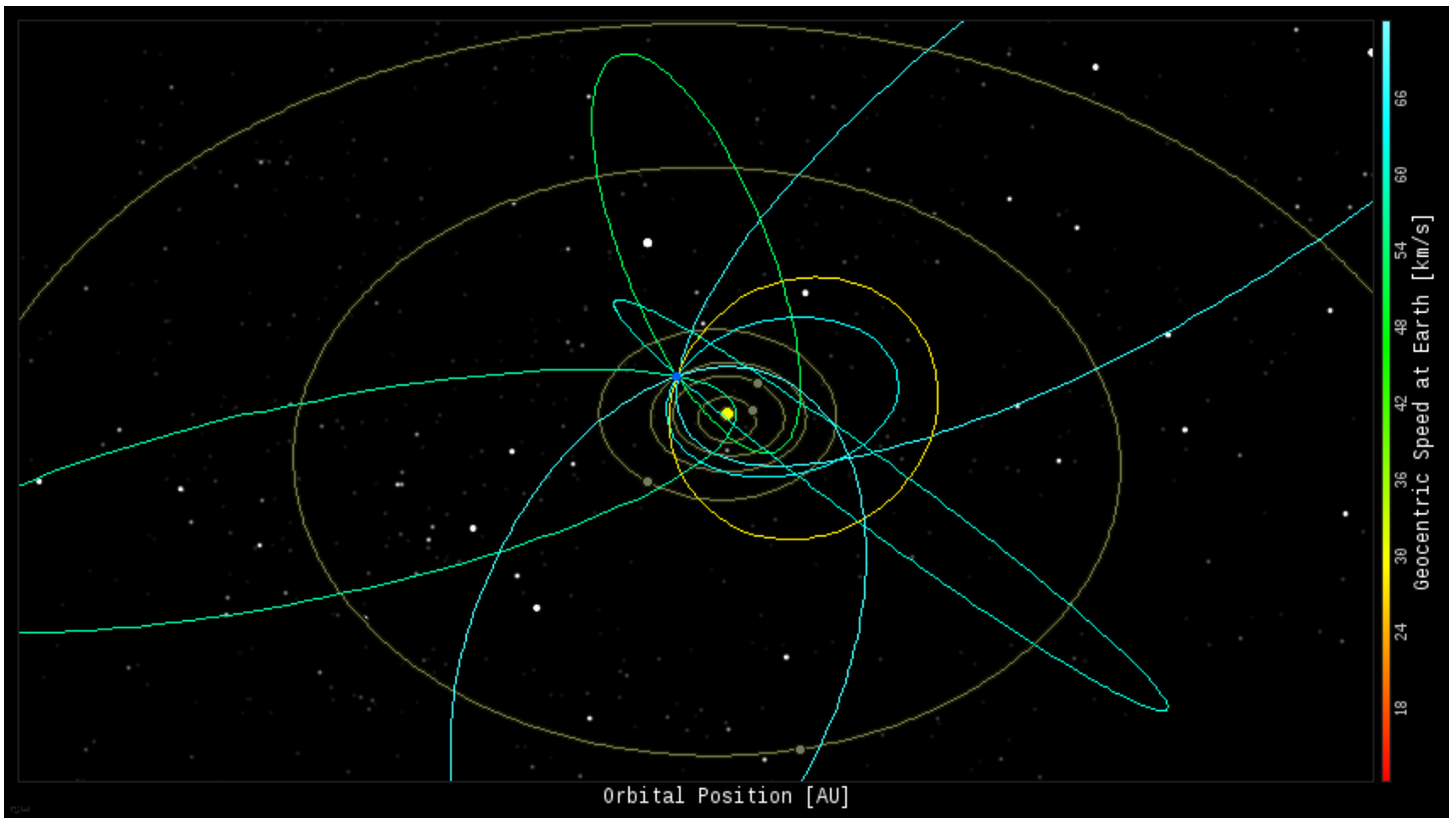
If you are interested in running for one of the six (6) electable executive positions, please sign your name to the position you wish to run for, and have two (2) other members nominate you for the position.

Position	Your Name	Nominated By (2 Members)
President	_____	_____
Vice President	_____	_____
Treasurer	_____	_____
Secretary	_____	_____
Observatory Chair	_____	_____
Outreach Coordinator	_____	_____

Meteoric Fireballs

Every night, a network of [NASA all-sky cameras](#) scans the skies above the United States for meteoritic fireballs. Automated software maintained by NASA's Meteoroid Environment Office calculates their orbits, velocity, penetration depth in Earth's atmosphere and many other characteristics. Daily results are presented here on [Space-weather.com](#).

On Feb. 2, 2020, the network reported **5** fireballs.



In this diagram of the inner solar system, all of the fireball orbits intersect at a single point--Earth. The orbits are [color-coded](#) by velocity, from slow (red) to fast (blue).

Betelgeuse is in the news and over the last 2 days, it has again decreased its brightness (or luminance). Some believe that a supernova will happen and others think that it may already have happened.

Join us at our March meeting where Paul-Emile Legault will have some insights into the giant star.

Star party dates 2020

Frozen Banana May 21-24 Mew Lake, Algonquin Provincial Park

New Moon in June -June 18-21 Grundy Lake Provincial Park

Gateway to the Universe July 16-19 Samuel de Champlain Provincial Park

August Star Party Aug 13-16 Bobland

Half the Night Aug 27-30 Halfway Lake Provincial Park

Last Chance Sept 17-20 Restoule Provincial Park

Stars Over Killarney Stars Sept 26 (24-27) Killarney Provincial Park

Possibly the River & Sky Festival near Field, Ontario, as well as a small star-party at Restoule. Details will be provided.

Observing Certificates Overview

Here is a list of the Observing Certificates that are available through RASC and a few can now be verified and supplied via RASC-Sudbury Centre. Why not start a certificate at the start of the summer and follow through until the temperatures return to negative numbers?

Explore the Universe Certificate (Do NOT have to be a RASC member) can be approved by Linda Pulliah here at Sudbury Centre

Explore the Moon Certificate

Isabel Williamson Lunar Observing Certificate for intermediate or advanced members

Messier Catalogue Certificate

Finest NGC Objects Certificate

Deep Sky Gems

Deep Sky Challenge

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STARGAZER STEVE

WHO IS STARGAZER STEVE!!
and What does he do?

Steve Dodson is a fellow amateur astronomer, who as a 2nd grader saved his allowance for a Telescope, and made his first 6-inch scope in grade 8.

As **Stargazer Steve**, he makes Telescopes that are designed to give more observing satisfaction to beginners and experts alike, by focusing on design for performance.

In 1981, already an amateur astronomer with decades of observing experience, Steve built the largest mobile Telescope in Canada, and brought it to the Star Party that launched the Sudbury Astronomy Club.

In the 1990's Steve pioneered high-performance low-cost Reflecting Telescope Kits.

Steve has participated in the building of over 4000 Telescopes, including solo projects and activities with children, Astronomy Clubs and people of all ages.

The International Astronomical Union has named **Asteroid #13822** "**Stevedodson**".

Over **2000 Stargazer Steve Telescopes** have been shipped throughout Canada, the US, and around the World.

More Info at <http://stargazer.isys.ca>
<http://neo.jpl.nasa.gov/orbits/> (Put 13822 in the blue box)

