



ROYAL ASTRONOMICAL SOCIETY OF CANADA

Photo: Kevin Metz



April 19 to April 25, 2021

RASC Weekly: Speaker's Night, Moon @ Noon, & Small Satellites!

Wednesday, April 21, 2021 - 19:30 to 20:30 EDT

Speaker's Night: A Cosmic Trek with Tim Russ - Toronto Centre

Join RASCTO on Wednesday for a conversation with actor, director, musician and amateur astronomer Tim Russ about his astronomy, stars, and favorite telescopes. Mr. Russ has travelled to the far reaches of the Galaxy with his character of Tuvok, but he has travelled perhaps just as far with his telescopes. Amateur astronomy, Star Trek and telescopes! Come and join this special event! *Everyone can attend for free and registration is not required!*

Tim Russ has been working within the entertainment industry for over thirty years. His talents encompass a wide spectrum of the performing arts including composing, music (guitar & vocals), acting, writing, directing, voice-over and producing. Mr. Russ received his B.S. in Theater at St. Edward's University Austin TX, and completed one year of post graduate work in theater at Illinois State University.

As an actor, Mr. Russ has worked in a cross section of feature film and television, including "KARMA," "5TH PASSENGER," "LIVE FREE OR DIE HARD," "SPACEBALLS," series regular roles on "THE HIGHWAYMAN," "THE PEOPLE NEXT DOOR," "STAR TREK-VOYAGER," "SAMANTHA WHO," and "ICARLY." He has also appeared in numerous stage plays including the original Los Angeles premier of "DREAMGIRLS."

Join the Speaker's Night

Thursday, April 22, 2021 - 12:00 to 12:30 EDT

The Moon at Noon: Q2



We have our first day of finding lunar landing locations! Moon at Noon cohost John loves the Apollo missions, so you bet we'll be talking about Apollo 12 and 14. We'll show you where Ranger 7, a critical US mission, "landed" (technically it hit the Moon at 2.6 kilometers per second). We might even discuss the potential of creating Moon bases, and what our lives would look like on the Moon.

Register for the Moon at Noon

Saturday, April 24, 2021 - 20:00 to 22:00 EDT

Small Satellites, Big Stars - Montreal Centre

The Royal Astronomical Society of Canada Montreal Centre hosts Dr. Anthony Moffat, Prof. Emeritus at Université de Montréal, for a Free Public Zoom Webinar on the study of Massive Stars using the BRITe Constellation of satellites.

Launched in 2013-2014, the independent BRITe nanosats continue to produce excellent science data, observing variable properties of the brighter visible stars in the sky – over 700 stars to date.

Equipped with a 30 mm telescope and an uncooled CCD detector along with either a blue or red optical filter, a 24 degree field of view provides observations of up to 30 stars simultaneously by each nanosat...allowing astronomers to probe the interior and surface structure of bright, "BIG" stars and binary star systems.

Join Small Satellites, Big Stars

GA 2021: The Stars Belong to Everyone



Astroimage of the Week

Kevin Metz

We are featuring winners of RASC's Astroimaging Certificate. Winners will be featured in the banner of RASC Weekly. More information on the RASC Astroimaging Certificate is available [here](#).

MILKY WAY:

May 2018. Trout Lake, BC. Photographing the milky way in the mountains is one of my favorite pursuits and Trout Lake easily approaches the top of my list for favorite dark sky locations.



I will always remember this night well despite being under prepared to camp in a freezing cold tent in the mountains in early May. Shot with a Sony A7iii and 14MM Rokinon F2.8 manual lens. Stacked image. Ten 30 second exposures at ISO 6400. No flats. No darks. No tracking. Categories: Scenic, Night Sky

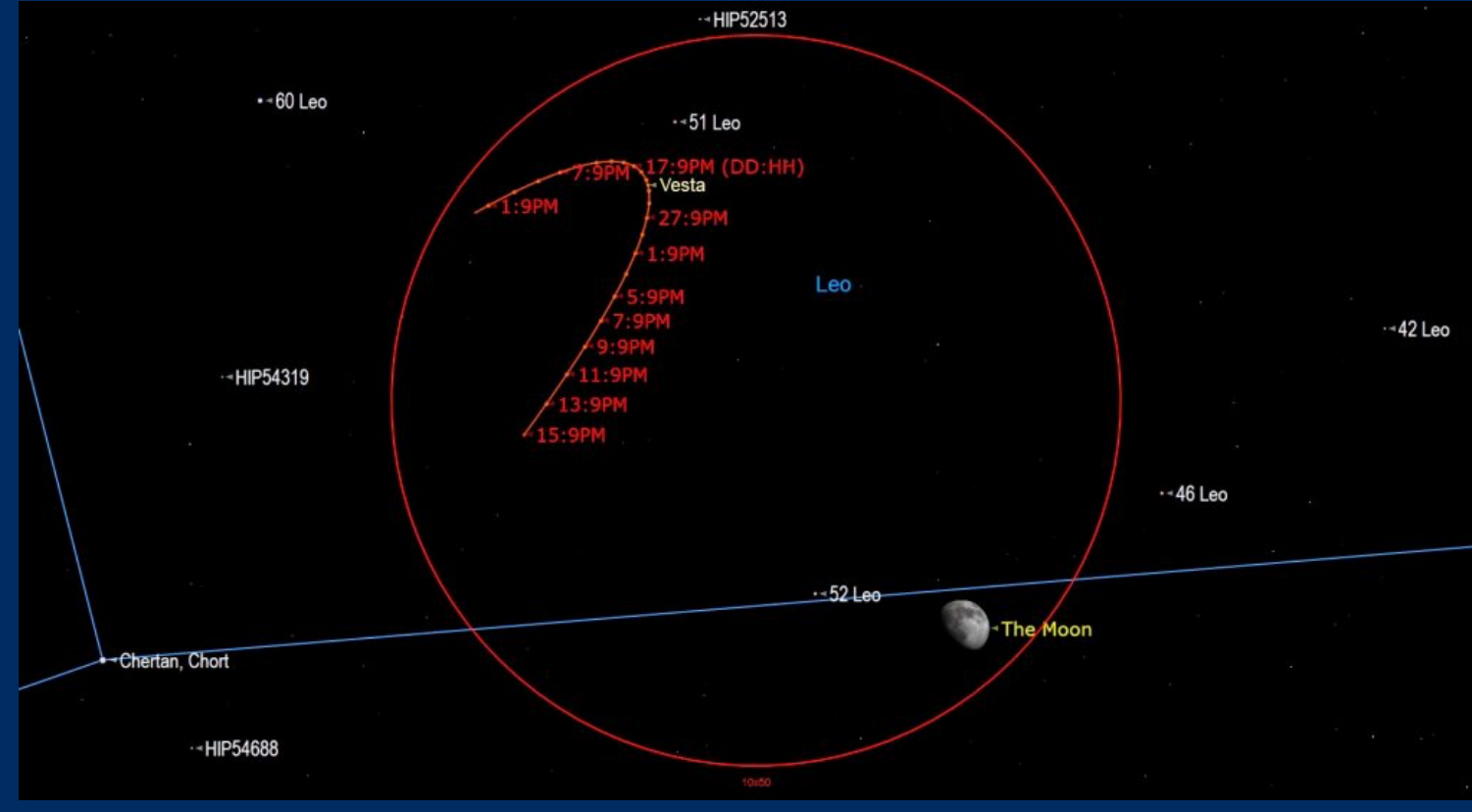
To see the large image, check out the [RASC Astroimaging Zenfolio page](#).

This Week's Observing Targets

April 22nd - 23rd, 2021

Lyrids Meteor Shower

The Lyrids is an average shower, usually producing about 20 meteors per hour at its peak. It is produced by dust particles left behind by comet C/1861 G1 Thatcher, which was discovered in 1861. The shower runs annually from April 16-25. It peaks this year on the night of the night of the 22nd and morning of the 23rd. The nearly full moon's glare will block out all but the brightest meteors. But if you are patient you may still be able to catch a few good ones. Best viewing will be from a dark location after midnight. Meteors will radiate from the constellation Lyra, but can appear anywhere in the sky.



Check out the sky this week on [SkyNews](#):

This Week's Sky - April 19 to 25, 2021:

The Moon reaches its quarter phase and starts to wax while passing by the Beehive. The Lyrids Meteor Shower peaks, and Mercury moves past Venus. Read more in This Week's Sky by Chris Vaughan.

Click here for full article

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