



ROYAL ASTRONOMICAL SOCIETY OF CANADA

Photo: Norman Hey



## July 26 to August 1, 2021 RASC Weekly: Stunning Star Trails & Games in Space!

Wednesday, July 28, 2021 - 19:00 to 20:00 EDT  
SkyNews: Games in Space - Among Us



This game became popular during quarantine last year, garnering a following that includes United States Congresswoman Alexandria Ocasio-Cortez and PewDiePie. It's a fantastic party game with simple instructions, but the strategy can definitely be deep and involved.

[Register for Games in Space](#)

Saturday, July 31, 2021 - 16:00 to 18:00 EDT  
Stunning Star Trails - Montreal Centre

Presented by Mary McIntyre, FRAS (Fellow of the Royal Astronomical Society) - RASC Montreal Centre

With the Perseids Meteor shower around the corner, the last two years have featured talks on photographing meteor showers (last Aug's event is available on the RASC Montreal Centre YouTube channel). This year we are happy to host UK Astronomer Mary McIntyre to teach us how to capture the motion of the entire Night Sky. Learn absolutely everything you need to know to create stunning star trails images. Mary will take us through framing and composition, camera settings, instructions on how to use the free star trails software, basic image processing and finally how to create a time-lapse video of your beautiful star trails.

[Register for Stunning Star Trails](#)



### Night Sky Camera RASC Promo

Quality astrophotography equipment isn't cheap; we're here to help. This year, take advantage of the Night Sky Camera discount program exclusive for RASC members. Enjoy a **15% discount** on all astro-modification services and a **10% discount** on all available pre-modified astrophotography cameras.

[Click here for more info.](#)

### New Course: Exploring Exoplanets!

Anyone with a Windows, Mac or Linux computer can learn how to image and analyze exoplanet transits in our newest course! Join us Wednesday nights from August 4 to September 1 to learn what makes a good exoplanet for us to image, then image it and find the exoplanet in the data. We'll even show you how to take the skills you learn and apply it to data provided by researchers.

Become a citizen exoplanet hunter today!  
[Click here for more information](#)

When: 7:00 - 8:30pm EDT, Wednesdays from August 4 to September 1, 2021

Where: Zoom!

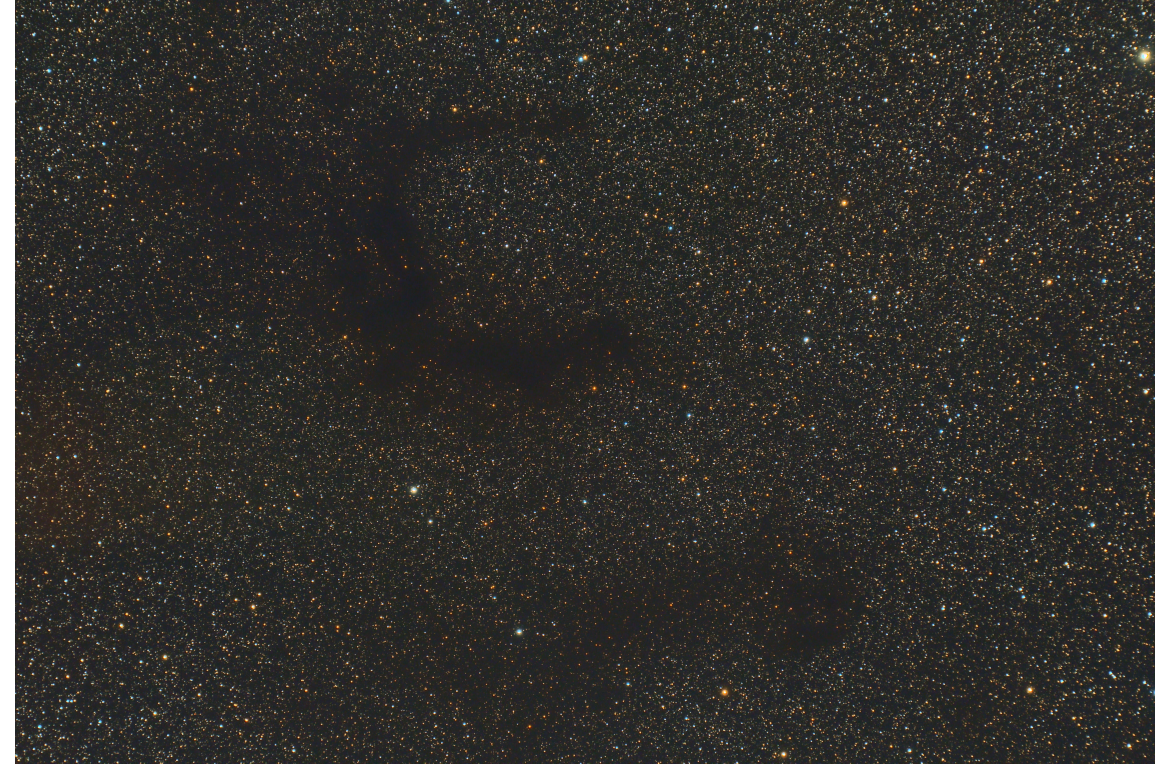
Cost: \$50 per person

Capacity: 30 attendees

[Register for Exploring Exoplanets](#)

### Astrophotography from our Followers!

If you had a chance to observe our [Instagram](#), you can see that we tend to share our followers' photography on our stories! Given the great talent we have been seeing, we will be displaying their work in our RASC Weekly emails! DM us or send us an email through [communications@rasc.ca](mailto:communications@rasc.ca) if you wish for your work to be displayed in the next Newsletter!



**This image is by Norman Hey! You can find his work [here](#):**

Image of dark nebulae in Aquila, Barnard 142 and 143, commonly referred to as Barnard's E. About 2000 light years from Earth, large clouds of dust and cold gas obscure light from stars behind, creating these dark and dusty lanes in the dense starfield toward our galactic center.

Image taken from my backyard in Sudbury, ON July 11 2021.

Telescope: AstroPhysics Starfire EDF 130 mm f/6

Field Flatteners: Hotech

Camera: QHY168C, Baader uv-ir filter

Mount: Celestron CGEM

Guider: SvBony 50 mm f/4, Tc7 camera

Exposures: 59 x 120 seconds, camera settings gain 10, offset 50, temp -10C

Software: NINA, PHD2, Cartes du Ciel, PixInsight

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## What is Happening in the Sky

July 28th and 29th, 2021

### Delta Aquarids Meteor Shower

The Delta Aquarids is an average shower that can produce up to 20 meteors per hour at its peak. It is produced by debris left behind by comets Marsden and Kracht. The shower runs annually from July 12 to August 23. It peaks this year on the night of July 28 and morning of July 29. The nearly full moon will be a problem this year. It's glare will block most of the faintest meteors. But if you are patient, you should 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 Aquarius, but can appear anywhere in the sky.

### The Sky with SkyNews



This Week's Sky with SkyNews: July 26 to August 1, 2021

Look for Southern Delta-Aquariid meteors this week. Also, watch as Mars meets Regulus.

[Click here for full article](#)

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