



ROYAL ASTRONOMICAL SOCIETY OF CANADA



May 24 to May 30, 2021  
**RASC Weekly: Insider's Guide, Stargazing, Moon @ Noon, and more!**

Tuesday, May 25, 2021 - 15:30 to 17:00 EDT  
**Insider's Guide to the Galaxy: Safely Viewing the Sun**

Have you ever seen the Sun? Of course you have. But have you ever been able to safely look directly at the Sun? The Sun has begun to acquire spots now that it has passed through solar minimum. We'll go over how to get into safe solar viewing, including how to use filters to safely see it with a telescope or binoculars, how to make a pinhole projector, and what features to look for. Then you'll be ready to view the partial solar eclipse that will be visible in much of Canada on June 10!

[Register for Insider's Guide to the Galaxy](#)

Wednesday, May 26, 2021 - 21:30 EDT  
**Wednesday, May 26, 2021 - 19:30 MDT**  
**Introduction to Stargazing and the Universe - Edmonton Centre**

**Topics discussed: Satellites, Bootes; Moon Maria; Globular Cluster M5; Noctilucent Clouds; Q&A.**

Find out what you can see in the night sky and earn RASC's free Explore the Universe certificate and pin! Once a month we have a low intensity 45 minute presentation followed by Q&A. It's ok if you missed the previous sessions, they're self-contained.

[Join Intro to Stargazing](#)

Thursday, May 27, 2021 - 12:00 to 12:30 EDT  
**The Moon at Noon: Q-1**



Today's targets will be more morning observations, and include the Apollo 16 landing site! Apollo 16 was the second Apollo mission to land in the highlands (all the others landed in the seas), and discovered some really cool stuff about mountain formation on the Moon. In honor of this mission,

we'll talk about lunar geology.

[Register for the Moon at Noon](#)

Friday, May 28, 2021 - 19:00 - 20:30 EDT  
**Women of Aerospace Speaker Series - Presented by Christine Tovee**



**Do you want to learn from Aerospace experts?**  
 Attend the Women of Aerospace Speaker Series, hosted by the University of Toronto Aerospace Team, to hear the experiences and lessons of the women leading this fast-growing industry! Coming up on May 28th, 2021 at 7pm-8:30pm EDT, we are joined by Founder of CATX Technology and Creative Destruction Lab Fellow, Christine Tovee. Join us via Zoom to hear her story!

[Sign up to receive zoom links and info on upcoming talks](#)

Sunday, May 30, 2021 - 13:00 to 14:00 EDT  
**DDO: Up in the Sky - Ask an Astronomer**

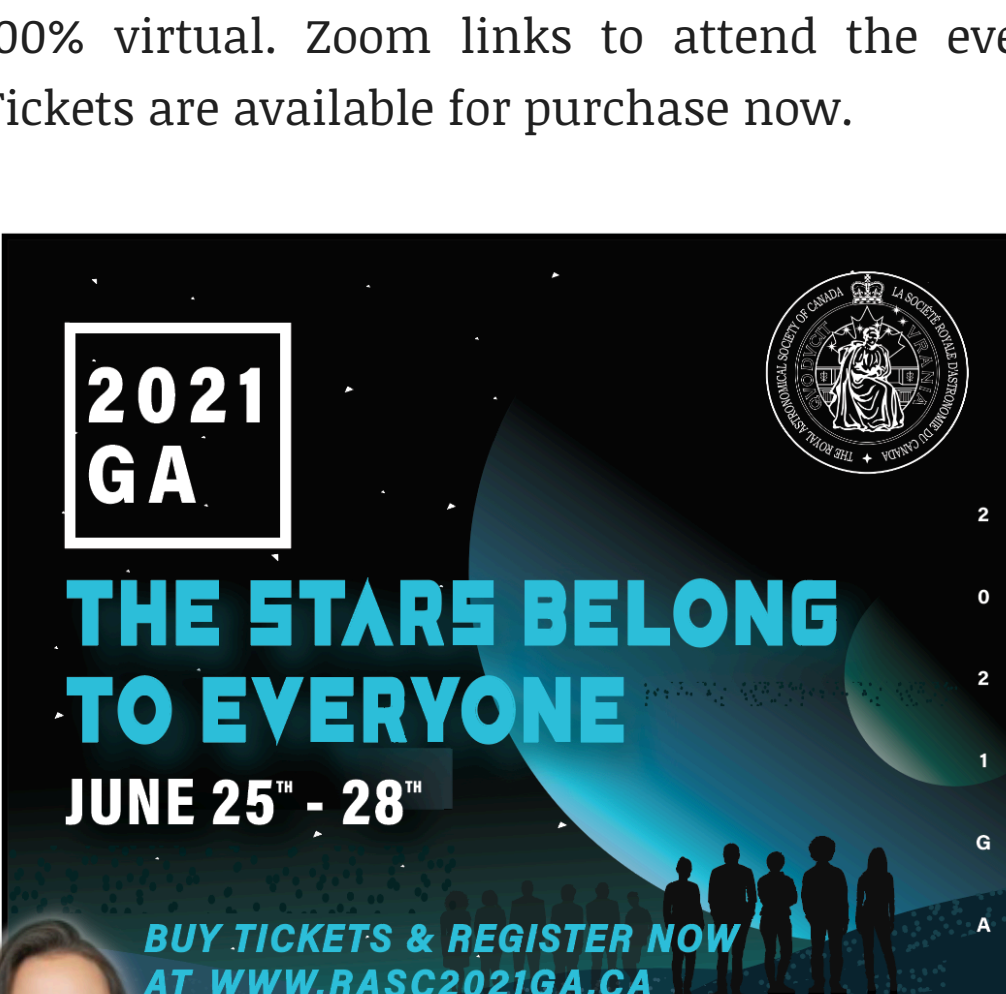
An Astronomy Night presentation by RASC-DDO Committee & Toronto Centre, in association with the David Dunlap Observatory.

Explore the Universe - from the comfort of your home! During these family-friendly sessions, a DDO Astronomer will answer your questions about the observatory, astronomy and space, telescopes, and the motions of the sky using powerful astronomy software and eye-catching visuals! Only one registration per household is required. Deadline to register for this program is Friday, May 28, 2021 at 3pm. Prior to the start of the program you will be emailed information on the virtual program links and any specific information relating to your program.

[Register for DDO - Up in the Sky](#)

**The 2021 General Assembly:**  
**The Stars Belong to Everyone**

Join us for The Royal Astronomical Society of Canada's 2021 General Assembly! Hosted by The RASC National Office, this will be an incredible event featuring luminary industry leaders discussing hot topics of Astronomy. The four-day event is jam-packed with exciting events and fun for the entire family. This year's General Assembly will be held from June 25<sup>th</sup> - 28<sup>th</sup>. This event is 100% virtual. Zoom links to attend the event will be provided. Tickets are available for purchase now.



[Buy Tickets Now](#)

Youth tickets: \$10  
 Member tickets: \$15  
 Non-member tickets: \$20

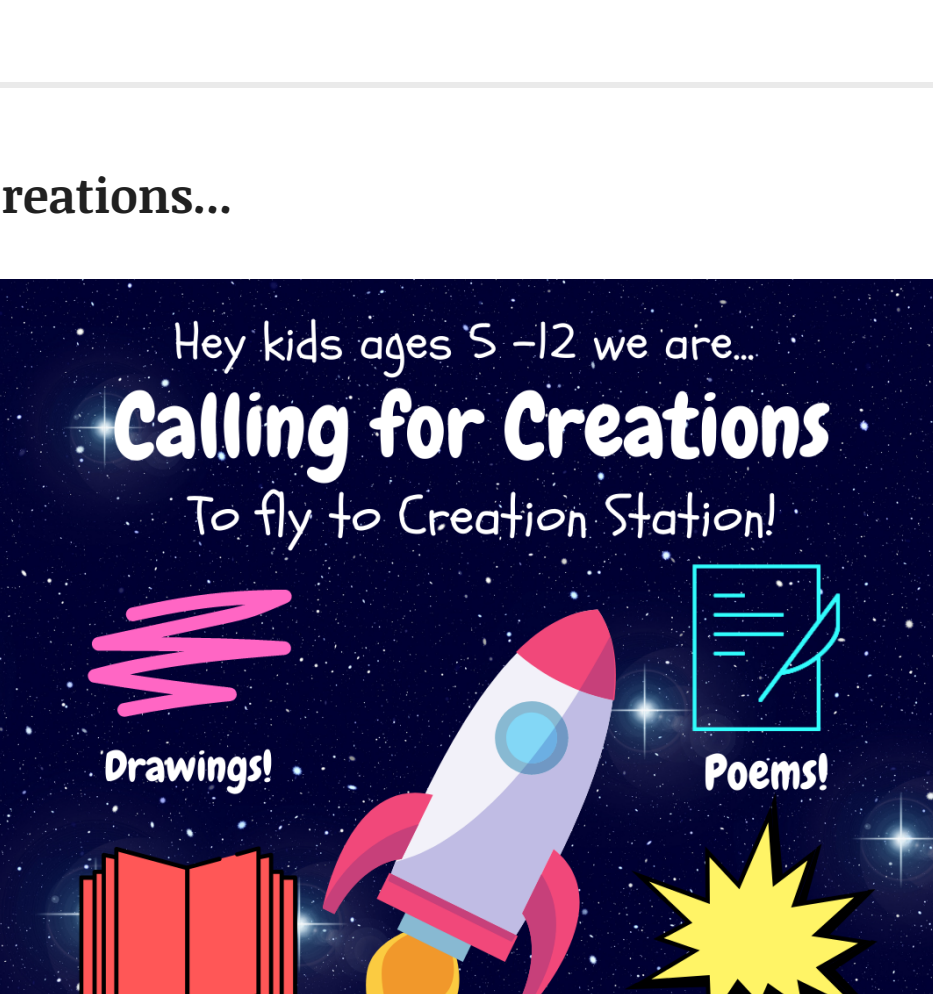
**Are you a RASC member?**  
 Don't forget to register for the AGM!

The AGM is a member only event and attendance is **free**.

For more information, to purchase tickets for the GA and to register for the AGM visit [www.rasc2021ga.ca](http://www.rasc2021ga.ca)

**All are welcome!**

**Calling for Creations...**



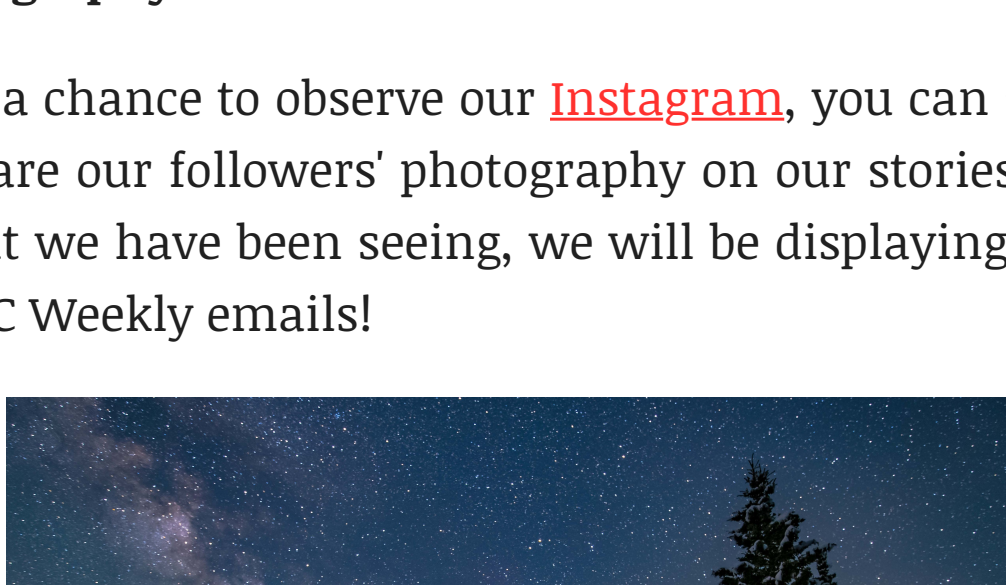
The RASC invites kids ages 5-12 to share their short stories, drawings, poems and comics about Astronomy and Space.

Between May 15th-June 13th, enter your submissions with your parents' help and become the first contributors to Creation Station. These wonderful original works will be shared on our website for all to enjoy.

[Click here for info on submission](#)

**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!



**This image is by John Andersen! You can find his account [here](#):**

"I recently acquired a tracker and I will be adding some of my tracked photos as well as some stacked photos, Milky way in snow from May 10 2021 Kananaskis, and tracked from Hoodoos April 10 2021. I have been an avid night photographer for my teens, taking long exposures at night in graveyards, and early fire spinning with burning sticks by the campfire! Comet Hale-Bopp was my first astro shot in 1997, but I wish I had some gear from now for then. Milky Way from 2021, during the solar minimum I focused on the Milky way and recently acquired a tracker."

**This Week's Observing Targets**

Wednesday, May 26, 2021 - 7:14 EDT  
**Full Moon - Supermoon**

The Moon will be located on the opposite side of the Earth as the Sun and its face will be fully illuminated. This moon has been known as the Corn Planting Moon and the Milk Moon. It is also the second of three supermoons for 2021. The Moon will be near its closest approach to the Earth and may look slightly larger and brighter than usual.

Wednesday, May 26, 2021  
**Total Lunar Eclipse**

A total lunar eclipse occurs when the Moon passes completely through the Earth's dark shadow, or umbra. During this type of eclipse, the Moon will gradually get darker and then take on a rusty or blood red color. The eclipse will be visible throughout the Pacific Ocean and parts of eastern Asia, Japan, Australia, and western North America.



**Check out the sky this week on SkyNews:**  
 This week's sky: May 24 to 30, 2021:

Look for the full blood "supermoon" this week, as a total lunar eclipse is visible from Canada's west. Read more in [SkyNews!](#)

[Click here to view full article](#)

[view this email in your browser](#)