



Photo: Kersti Meema



February 1 to February 7, 2021

RASC Weekly: Insider's Guide, Recreational Astronomy Night, Virtual Meeting, and Ask an Astronomer!

Tuesday, February 2, 2021 - 15:30 to 17:00 EST

Insider's Guide to the Galaxy: Step Outside and Travel Through Time

Looking up into our night sky takes us on a journey through time as the light from distant objects finally reaches us after years of travelling through space. Find out the closest and furthest objects from us as we step outside and travel through time - with your unaided eyes, and in binoculars and telescopes, and learn how we measure distances across the Universe.

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

Wednesday, February 3, 2021 - 19:30 to 21:30 EST

Recreational Astronomy Night - Toronto Centre (ONLINE)

Join us for our monthly recreational astronomy night meeting. This is where our members get to show their latest projects or give tutorials and tips on just about everything to do with astronomy.

- Arnold Brody - The sky this month
- Artash and Arushi Nath - Do it yourself asteroid astrometry using Python
- Blake Nancarrow - Weather forecasting resources for amateur astronomers

Who can attend: Everyone

Fee: Free

Registration: Not required

Organized by: RASC, Toronto Centre

[Join the Recreational Astronomy Night](#)

Friday, February 5, 2021 - 19:30 to 21:30 EST

Monthly Virtual Meeting - Ottawa Centre

We are looking for observation images! Send your images to Dave Chisholm (meetingchair@ottawa.rasc.ca) or Chris Teron (chris@teron.ca) before **Monday, February 1st** to be included in the slides. There is only one speaker for this meeting to allow for more observations.

The agenda for this meeting is as follows:

- Ottawa Skies - Dave Chisholm
- Space Junk - David Rogers who just completed his Masters Thesis at Carleton University on Space Junk ([link here](#))
- M&M Challenge (over the 5-minute break)
- Observations
- Observing Challenges

If you are NOT presenting a talk or observation you will need to register in advance for this Zoom webinar. After registering, you will receive a confirmation email containing information about joining the webinar. If you are presenting a talk or observation Chris Teron will send you your own private "Panelist" link. You do not need to register.

REMINDER: All are welcome at our meetings. Please forward this email to your friends and colleagues who might be interested. Clear skies!

[Register for the Monthly Virtual Meeting](#)

Sunday, February 7, 2021 - 13:00 to 14:00 EST

DDO: Ask an Astronomer - Toronto Centre (ONLINE)

Join us, from the comfort of your home! Let us help you explore and understand the night sky! A DDO Astronomer will provide accurate and detailed answers to your astronomy and space-related questions in simple language using pictures, illustrations and sophisticated computer simulations during these live video meetings.

Deadline to register for this program is Friday February 5, 2021 at 3:00pm. 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.

Who can attend: Ages 12 and up

Fee for 15 up to 99 years old: \$12.50

Tickets: [ActiveRH](#)

Organized by: RASC, Toronto Centre

[Buy Tickets for Ask an Astronomer](#)

Advertise your Centre's Events in this Newsletter!

Broaden your audience and meet RASC members from across Canada by advertising your Centre's events in this newsletter! Any Centre is welcome to include their events by emailing event details to Samantha at outreach@rasc.ca. Events will be added to the RASC online calendar and will be included in that week's newsletter. Please note that in doing so, events will be advertised both across RASC and to the public.

Astro-image of the Week

Kersti Meema

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

Moon with Earthshine and Venus Toronto:

This was one of my first pictures of the night sky, once I realized that my camera (my first DSLR) was capable of capturing interesting images in the night. It was taken in my backyard through the trees, with Venus peeking out from behind a small branch. I played around with settings until I was able to get a well-exposed image.

Details:

10:07 pm, March 26, 2012

Canon EOS Digital Rebel XT

f/11 6 sec ISO - 100 focal length 179 mm



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

RASC Publications Now Available on Amazon



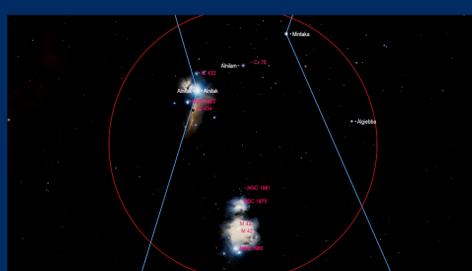
You now have even more ways to get your astronomy fix! Select RASC publications are [now available on Amazon.ca](#). Through Amazon you can purchase:

- [Observer's Handbook 2021 - Canadian Edition](#) and [Observer's Handbook 2021 - US Edition](#).
- [Observer's Calendar 2021](#)
- [A Nightwatchman's Journey](#), by David H. Levy
- [Explore the Universe Guide 2nd Edition](#)

We hope this will make our publications more accessible to members and non-members alike. Clear skies!

[Buy Now](#)

This Week's Observing Targets



Check out the sky this week on Skynews:

Orion in its Sky: February 1 to 7, 2021

Orion is in excellent position this week to take a look at its nebula, while Venus passes Saturn over the weekend.

<https://skynews.ca/this-weeks-sky-february-1-to-7-2021/>

Member Highlights

Do you know a member who you think deserves a spot in our newsletter? Let us know! Email communications@rasc.ca with your submissions.

[view this email in your browser](#)