



ROYAL
ASTRONOMICAL
SOCIETY
OF CANADA

Photo: Trudy Almon



January 11 to January 17, 2021

RASC Weekly: Women of Aerospace, Member Highlights, and more!

Friday, January 15, 2021 - 19:00 to 21:00 EST

UTAT: Women of Aerospace



Speaker: *Natalie Panek*, MDA, Senior Engineer (Systems Design)

The event is held by University of Toronto's Aerospace Team (UTAT)! The University of Toronto Aerospace Team invites you to attend our Women of Aerospace Speaker Series! Our next event will be held on **January 15th, 2021 at 7pm EST with Natalie Panek**, Senior Engineer in Systems Design at MDA.

Join us via Zoom to hear her talk! Sign up to receive zoom links and information regarding upcoming talks, including Panek's.

[Join the Women of Aerospace Talk on Zoom](#)

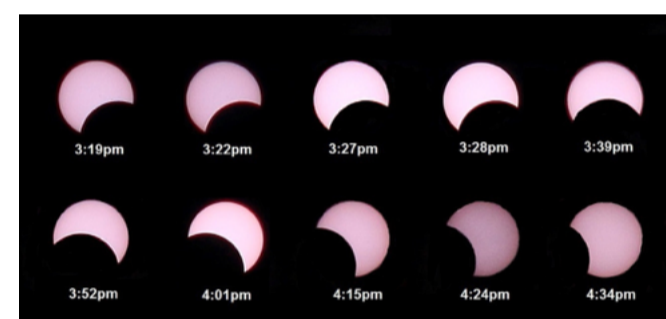
Astro-image of the Week

Trudy Almon

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](#).

19 LUNAR OR SOLAR ECLIPSE:

I was in PEI during the solar eclipse and the only one at the Boardwalk looking at the sky. Took a series of photos over a span of 90 minutes. I stacked every neutral density filter I had on the camera and used live view. I couldn't see anything so was very happy to get back to the motel, load the photos on the camera and see that I had captured it.



August 21st, 2017 ~ 3:19pm to 4:34pm

Canon T4i ~ EF-S 18-55mm lens f/3.5-5.6 ISO-400 ~ f/8 ~ 1/2000 sec ~ 55mm

Cavendish Boardwalk, PEICategories: Scenic, Night Sky

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

Telescope Data Available For Purchase!

Calling all astroimagers! The data from our Robotic Telescope is finally available for purchase. This is the perfect gift for the aspiring astroimagers in your life, and with no shipping costs! ALL of the data from the RASC Robotic Telescope for 2019 and 2020 is now available for purchase. You'll receive data for over 30 different narrowband and LRGB targets, including targets from our DSLR camera.

Head to our online store to purchase this item! Choose the item (adult or student) that applies to you or the person you're buying the item for. If you plan on gifting this purchase to someone, please email telescope@rasc.ca to inform them of your intent.

[Buy Now](#)

This Week's Observing Targets

Monday, January 11th - 17:00 - 18:00 EST

Mercury and Jupiter Conjunction

Mercury will be 1.5° south of Jupiter right after sunset. However, due to its proximity to the Sun, this will be very difficult to see and you will need a good view southwest.

Wednesday, January 13th

New Moon

The Moon will located on the same side of the Earth as the Sun and will not be visible in the night sky. This phase occurs at 05:02 UTC. This is the best time of the month to observe faint objects such as galaxies and star clusters because there is no moonlight to interfere.

Send in your Observing Certificate applications!

Did you complete Explore the Universe, Explore the Moon, or another one of the RASC Observing Programs? Send in your application to your Centre's representative or to the chair of the Observing Committee at observing@rasc.ca. Following review, you'll receive your certificate and pin in the mail!

Member Highlights

Betty Robinson is a long-standing member of the RASC. She has been active for years and has earned a couple awards, including the Service Award. She is currently editor of the Mississauga Centre's newsletter, Messenger. Betty recently published a book!

It's called Elizabeth Goes to Mars! It is aimed at the grade 6 science student studying the space unit. While it is intended as a reader to support studying the space unit, it's a fun story on its own. The book highlights just some of the many challenges facing us if we want to live on Mars. The illustrations are great and help the visit to Mars come alive. There are several positive reviews on her website, www.bettyrobinson.ca.

[Buy Now](#)

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](#)

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