



Photo: Dave Gamble



March 22 to March 28, 2021

RASC Weekly: Astrophotography, the Moon @ Noon, & Advanced RT Program!

Saturday, March 27, 2021 - 19:00 to 20:30 EDT

Astrophotography: From Simple to Advanced - Montreal Centre

Join us this Saturday for a presentation, Q&A, and open discussion with the Montreal Centre hosting published astrophotographer and Okanagan Centre member Debra Ceravolo. She will share her journey with regards to combining a lifetime interest in astronomy and photography. Following the event, celebrate Earth Hour at 8:30pm to see the night sky wonders (weather & pandemic measures taken into account).

Learn what it takes to capture the beauty of the heavens, from the challenges setting up a camera on a tripod to orchestrating equipment in a permanent observatory! From wide field nightscapes to high resolution photos of nebulae or far off galaxies, every image is an adventure with a story to be told.

[Register for Astrophotography: From Simple to Advanced](#)

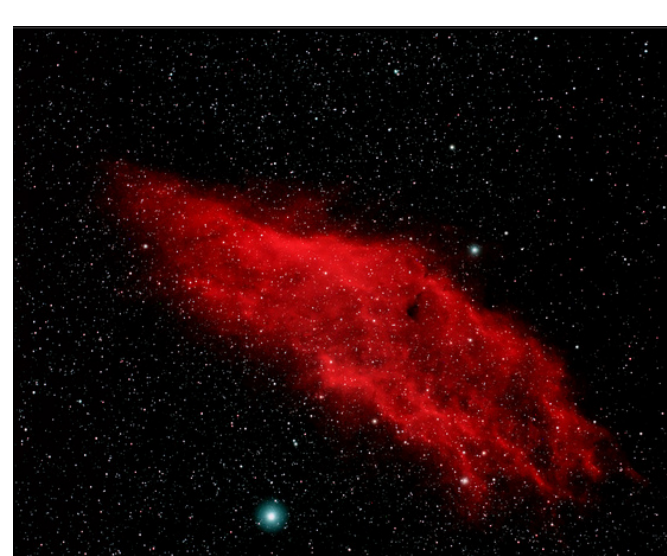
Astro-image of the Week

Dave Gamble

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](#).

CALIFORNIA NEBULA:

The California Nebula captures the emission nebula in Perseus. The extent of this large, isolated nebula is amazing in itself, particularly since it is energized by a single star in the field just below it. The image was captured on 2016 February 27 at Sky Trails Observatory in Summerland, B.C. A Borg 101E apo operating in f/4.2 astrograph mode fed a modified Canon SXi DSLR using an IDAS V3 filter and ISO 1600. Ten 10-minute guided subs were combined in ImagesPlus with Dark frames.



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

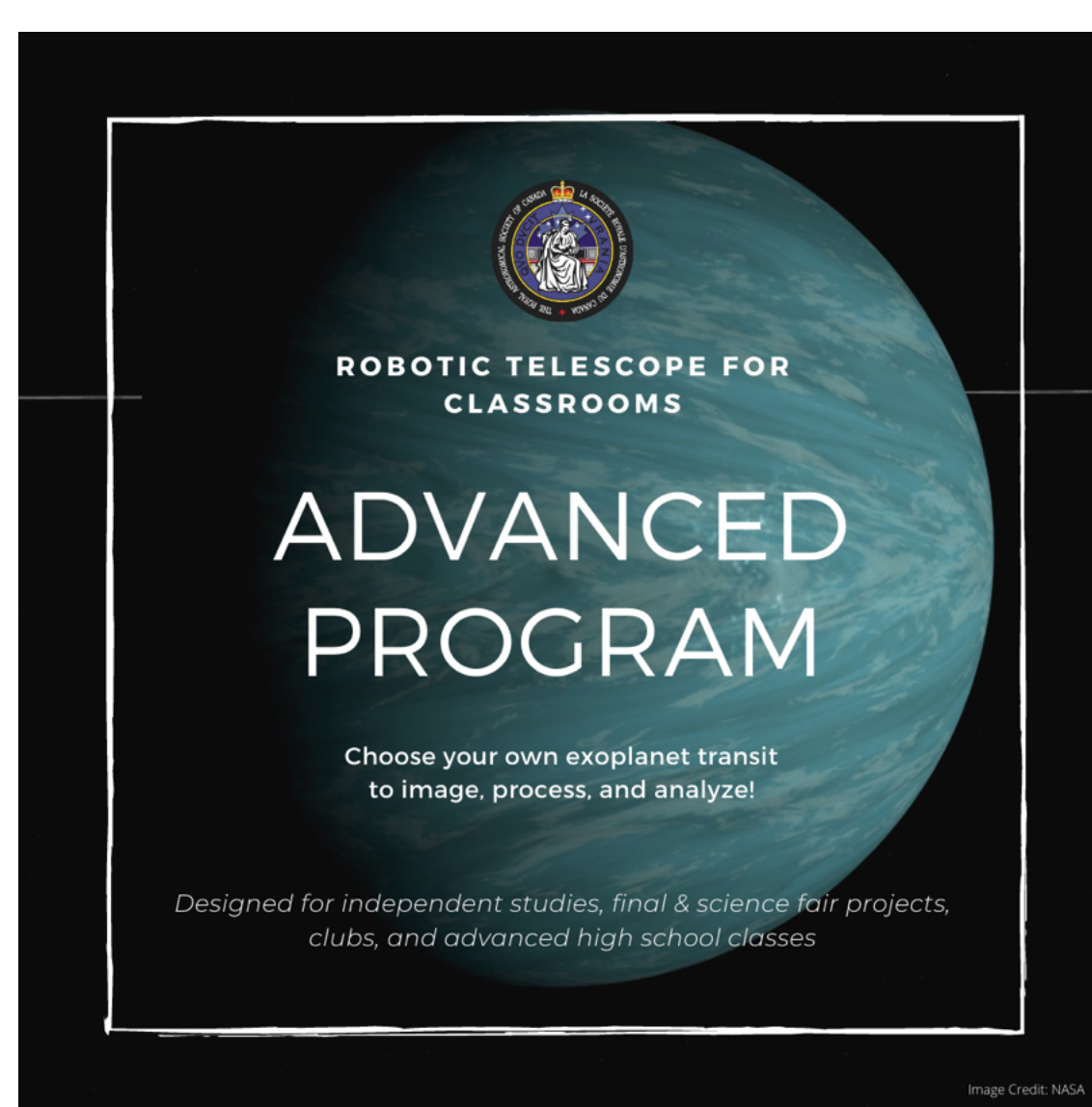
New Program: Moon at Noon!



Become a space explorer by discovering mountain ranges, craters and lava plains on Earth's closest neighbour! Join us Thursdays at noon (eastern time) from April 1st to June 17th as we guide you through RASC's Explore the Moon Observing Program. Bring your telescope or binoculars to discover all kinds of amazing lunar features right from your driveway!

[Register for Moon at Noon](#)

RASC's Advanced Robotic Telescope Program



The Advanced Program is the second RASC Robotic Telescope for Classrooms high school outreach programs.

This is an in-depth project designed for small student groups, independent studies, and advanced classes with a teacher supervisor. Students choose a planet to image on RASC's telescope, collect & calibrate the data, and analyze it from start to finish. This program is more freeform than the basic one and allows students to be involved in every step of the process.

If you know a student or educator, spread the word! If you are an interested student or educator, check out eduscope.rasc.ca for more info & to apply!

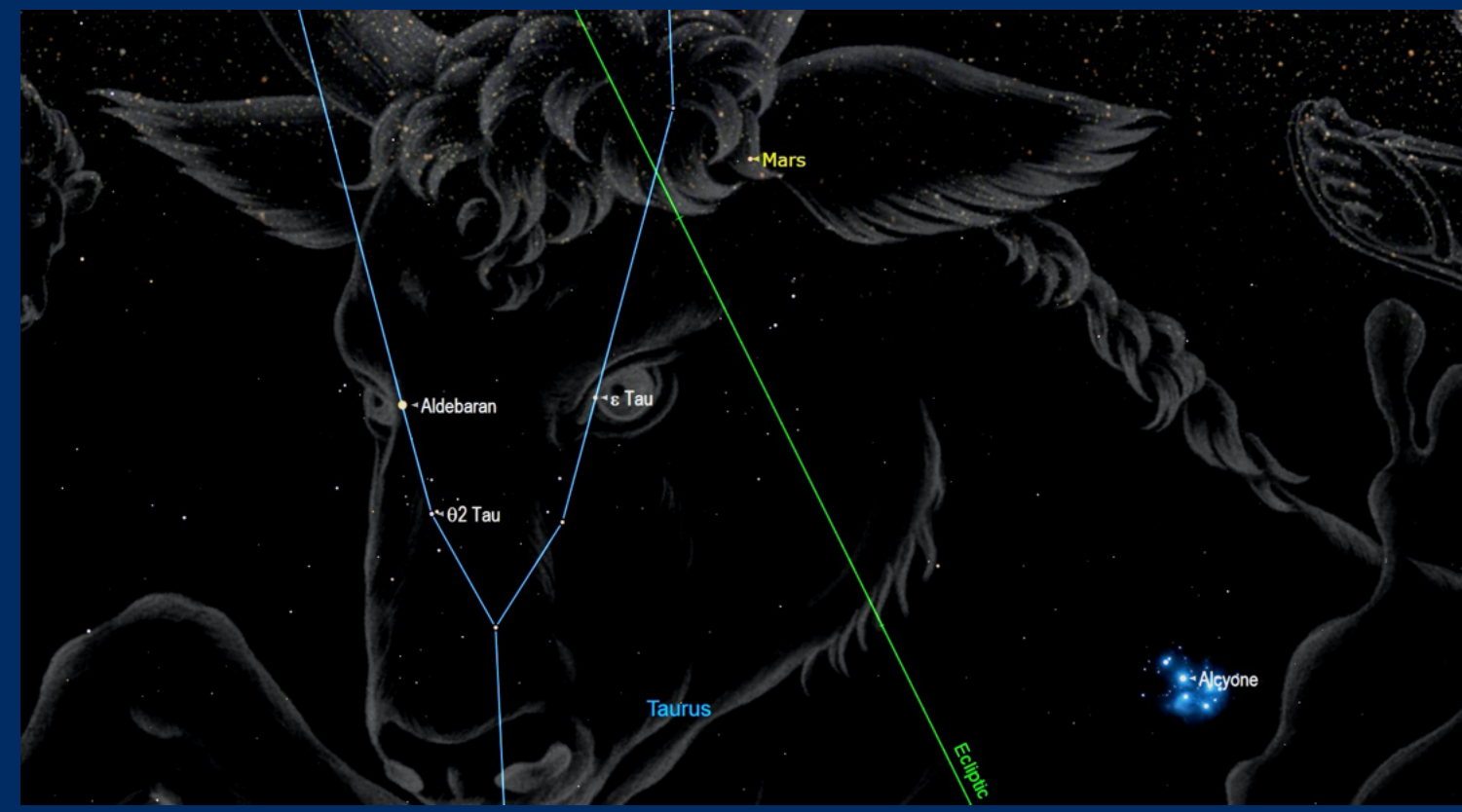
[Click here to learn more](#)

This Week's Observing Targets

Sunday, March 28th, 2021 - 14:49 EST

Full Moon

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 names like the Crow Moon, the Crust Moon, the Sap Moon, and the Lenten Moon.



Check out the sky this week on Skynews:

This Week's Sky - March 22 to 28, 2021:

Mars passes Aldebaran this week, as the Moon waxes to full. Read more in This Week's Sky in SkyNews, written by Chris Vaughan.

[Click here for full article](#)

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