



Photo: Kevin Kell



March 1 to March 7, 2021

## RASC Weekly: Insider's Guide, Speaker Series, Recreational Night, and DDO Night!

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

Insider's Guide to the Galaxy: Messier Marathon and Galaxy Season

Let Galaxy Season begin! Around this time of year, we get to see an unbelievable number of galaxies and deep sky objects. So we'll share some viewing tips and suggest the easiest ones to look at. If you time it right, you can see every single Messier object in a single night! We'll show you how to achieve this item on many amateur astronomers' bucket-lists.

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

Tuesday, March 2, 2021 - 20:30 to 22:00 EST

Speaker Series - Murder at the Observatory: a Forgotten Chapter in the Legacy of Alvan Clark & Sons

Presented by the RASC History Committee  
Speaker: Clark Muir

During the celebrated history of Alvan Clark & Sons, founded by the legendary lens- and telescope-making family, there was a stunning chain of events that had a profound impact on the business and its future prosperity. Although many of the details were of a highly personal nature, they were not ignored by the media. Among the episodes was an apparent kidnapping within the family, followed shortly thereafter by a death at the Clark's observatory that led to a sensational murder trial. A series of other litigious matters continued to trouble the family and keep them in the public consciousness for more than a decade. Here, we will review some of the triumphs of the family business and examine the lasting impact these scandals had on its legacy.

[Register for Murder at the Observatory](#)

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

Recreational Astronomy Night (ONLINE) - Toronto Centre

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.

- Denis Grey - The Sky This Month
- Kerry-Ann Lecky Hepburn - Adventures in light-scaping under the night sky
- Jerry Vila - Tyco Brahe

Everyone can attend for free and registration is not required!

[Join Recreational Astronomy Night](#)

Saturday, March 6, 2021 - 12:00 to 14:00 EST

Saturday, March 6, 2021 - 13:00 to 15:00 AST

March 2021 Member's Monthly Meeting - Halifax Centre

Halifax Centre's agenda includes Paul Gray's monthly photo montage, Paul Heath's latest poem in Food for the Soul, Dave Chapman's What's Up in the March Skies? and Judy Black's News from the Board, plus two special guests.

Dr. Luigi Gallo will present Black Holes: The Loud, the Quiet and the Silent. He provides an overview of research conducted in the past few years related to black holes such as active galaxies, black hole imaging, the Milky Way galactic centre, and gravitational waves as well as some of the research he is conducting at Saint Mary's University (SMU) that was recently highlighted by the European Space Agency. Dr. Gallo is a professor in the Department of Astronomy & Physics at SMU and is the Canadian lead on the JAXA/NASA led XRISM X-ray mission that will launch in 2022. Most of the research that he carries out with his students at SMU and international collaborators focusses on the high-energy emission coming from black holes.

Michael Gatto, in his presentation Sketching & Digitizing Mars Images, will explain his series of Mars sketches and and he then digitized those images. Michael's pencil sketches of Mars on the back cover of the JRASC (February 2021).

[Register for Halifax's March Meeting](#)

Saturday, March 6, 2021 - 19:00 to 21:00 EST

DDO Astronomy Night: The Life Cycle of Massive Stars with Adaeze Ibik (ONLINE) - Toronto Centre

The Life Cycle of Massive Stars! This talk will explore the evolution of massive stars, starting from their birth to how they end their life in the form of a supernova.

Adaeze Ibik is a PhD student in the David A. Dunlap Department of Astronomy and Astrophysics at the University of Toronto. She is from the eastern part of Nigeria in Africa where she earned her Bachelors and Masters in Physics, both from the University of Nigeria, Nsukka. One of the reasons for her research is to understand the universe and create awareness of our origin as humans through science communication.

Registration is per family. Deadline to register for this program is Friday, March 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.

[Register for DDO Astronomy Night](#)

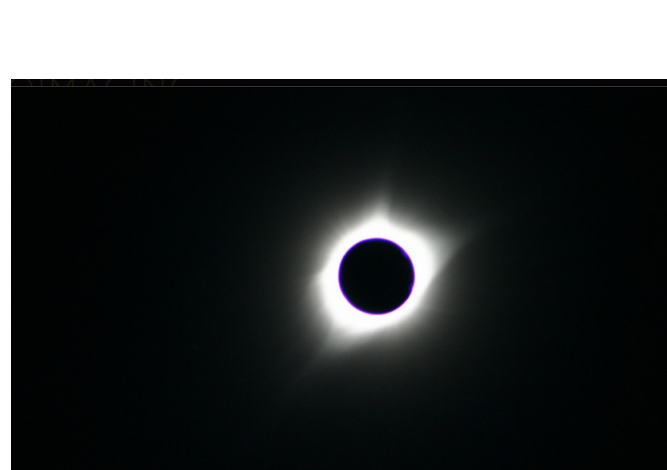
### Astro-image of the Week

Kevin Kell

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](#).

### 11-SOLARECLIPSE-2017082:

Total solar eclipse near Jay Em Wyoming, we believe on the centerline, on 2017 Aug 21 at 13:47 part of a long sequence of images as the sun progressed through eclipse Absolutely the trip of a lifetime, with a last minute decision to drive three days to get there. Great experience, great traffic jam afterward Canon 300d dslr, with 70-300mm zoom lens at 300mm, ISO800 on a tripod. 58mm polymer white light solar filter. f5.6, 1/60sec exposureCategories: Scenic, Night Sky



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

### One week of SkyNews!

**Explore SkyNews!**

**SkyNews**  
FULL DIGITAL ACCESS  
**PASS**  
LIMITED TIME ONLY

We are opening up our digital archives for the first time in history, absolutely FREE!

Sign up today for your FULL ACCESS PASS to over 15 years of SkyNews digital issues!

**7 DAY FREE ACCESS MARCH 8-14TH**

Your FREE access starts now! Sign up today for one week of FULL access to the SkyNews archives! This galaxy season, read about the best sights in Canadian skies with 16 years of in depth articles and inspiring images. Free access week runs March 8-14, 2021 — the best time to run a Messier marathon.

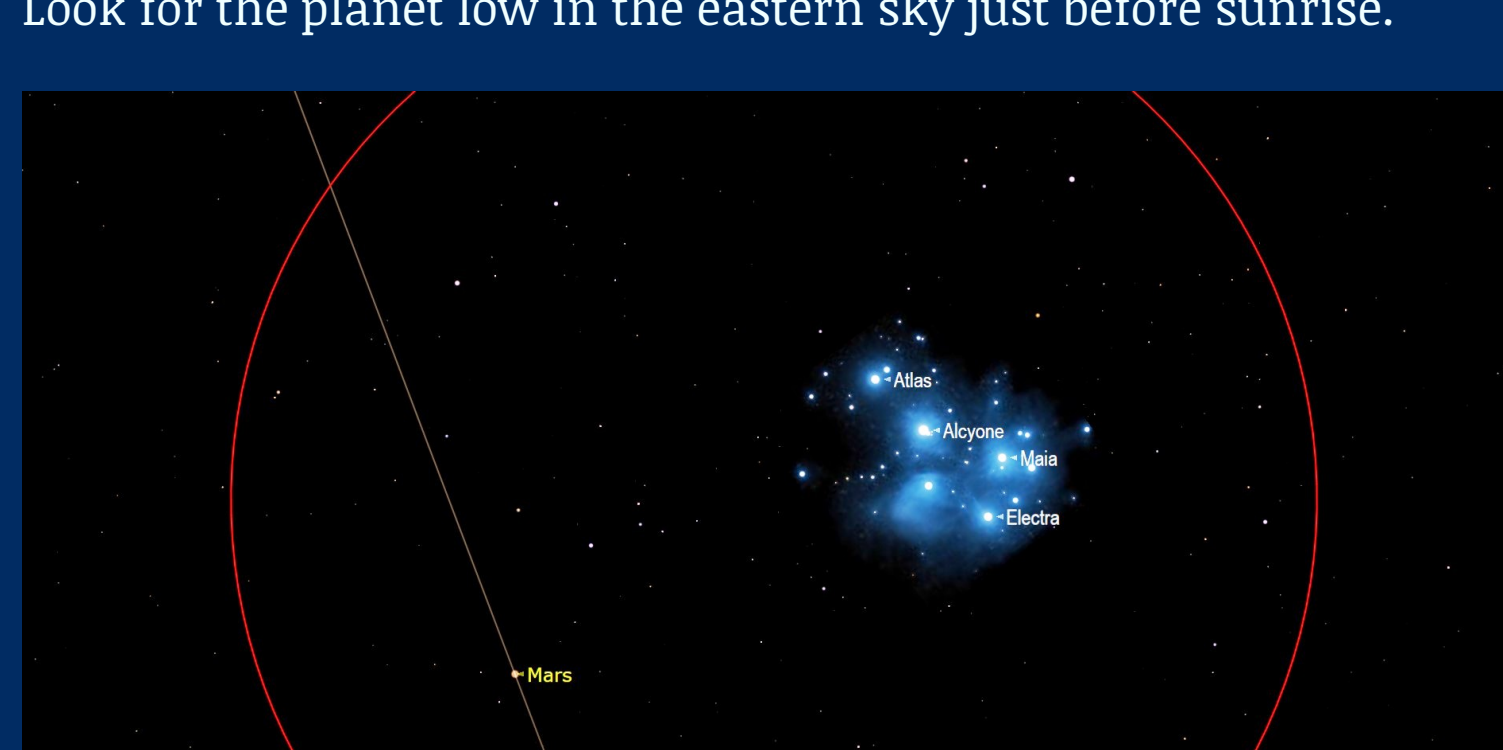
[Click here to sign up today!](#)

## This Week's Observing Targets

Saturday, March 6th, 2021

Mercury at Greatest Western Elongation

The planet Mercury reaches greatest western elongation of 27.3 degrees from the Sun. This is the best time to view Mercury since it will be at its highest point above the horizon in the morning sky. Look for the planet low in the eastern sky just before sunrise.



Check out the sky this week on Skynews:

This Week's Sky - March 1 to 7, 2021:

As the Moon wanes into the week, catch Mars passing the Pleiades on Wednesday and Mercury joining Jupiter pre-dawn on Friday. These events and more are in This Week's Sky, written by Chris Vaughan at SkyNews.

[Click here for full article](#)

## Centre News

One of Thunder Bay Centre's favourite dark sky observing sites has been awarded the International Dark-Sky Association's Dark Sky Park designation! Quetico Provincial Park was given this award due to light management planning, education on night sky protection, and sky quality measurements from the park. Click [here](#) to view article!

[Check out the facebook post about this!](#)

[View this email in your browser](#)

Copyright © 2021 The Royal Astronomical Society of Canada. All rights reserved.

Want to change how you receive these emails?  
You can update your preferences or unsubscribe from this list.