



February 22 to February 28, 2021 RASC Weekly: Stargazers, Up in the Sky, and the Perseverance Rover!

Friday, February 26, 2021 - 19:00 to 21:00 EST
Kitchener-Waterloo Centre: Stargazers 101

Come out for our astronomy meeting and learn something about the Universe. Everyone is invited to attend this event online! Gerry will talk about Saturn's moon, Titan. Dr. Norm Hay - The Solar System Walks Project. Mars Rover Update. A hardware presentation (maybe) and the usual gossip about the Moon and comets. The link will be posted before the meeting!

[Join Stargazers 101 through this link!](#)

Saturday, February 27, 2021 - 19:00 to 20:30 EST
DDO: Up in the Sky (ONLINE) - Toronto Centre

Join us, from the comfort of your home! This program provides an illustrated one-hour presentation and discussion about what exciting celestial events to look for each season. The events and phenomena will be explained using simple language, with recommendations about how best to observe and photograph them. All participating family members must be registered. Deadline to register for this program is Friday February 26, 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 6 and up
Fee for 6 up to 14 years old: \$11.33
Fee for 15 or more years old: \$12.80

[Get Tickets for DDO: Up in the Sky!](#)

Saturday, February 27, 2021 - 20:00 to 22:00 EST
The Search for Life on Mars: From Huygens to NASA's Perseverance Rover

Event hosted by RASC Montreal and presented by Dr. Richard Léveillé!

With the successful landing of NASA's Perseverance Rover, part of the Mars 2020 Mission, the Royal Astronomical Society of Canada (RASC) Montreal Centre invites you to learn more about the goals of this Mission. Join us as we explore how the scientific mission of Perseverance plans to build on previous studies of the Red Planet.

Since Christiaan Huygens published Cosmotheoros in 1698, countless scientists and observers have speculated about the possibility of extraterrestrial life, in particular on Mars. Over the past 50 years numerous orbital, landed and rover missions have revealed that early Mars much different than the Red Planet we observe now.

NASA's Mars 2020 Mission, featuring the Perseverance rover, is set to search for signs of past life as it explores Jezero Crater and its ancient lake deposits, while also collecting precious samples that will be returned to Earth for more detailed scrutiny.

[Join The Search for Life on Mars!](#)

Dark Sky Material Submission!

Message to all members: Do you have photos or video from any of the RASC's designated dark-sky sites? Then we'd like to hear from you! We'd like to collect photos and video of the sites to use for new content on our website, and as part of a campaign on social media centred around International Dark-Sky Week in April! If you would like your content to be featured by the RASC on our website and on social media, with credit to you, then please contact Reem Khalifeh at communications@rasc.ca! Please make sure the images are in their original quality. If the video of image does not fit in the email, feel free to attach them as a google drive link!

Astro-image of the Week Rick Routledge

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](#).

01 FULL MOON:

Taken on March 8, 2020 in Port Coquitlam, BC. Capture details: Prime focus image taken with a Canon EOS 5D Mark III camera through a Celestron 8" Edge HD telescope on an Advanced VX mount, exposure time 0.0025 sec, ISO 100, sharpening and minor adjustments in Photoshop. Categories: Scenic, Night Sky



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

Presenting the 2020-21 SkyNews Photo of the Year Contest!



Every week, SkyNews publishes the best image from among those sent in by readers from all across Canada. From wide-field Milky Way shots to deep-sky images of galaxies far, far away, the contest highlights pictures that are technically precise and eye-poppingly beautiful.

The prize packages this year are generously sponsored by Sky-Watcher, Celestron, iOptron and The Royal Astronomical Society of Canada. [Click here](#) for more details.

[Enter here](#) every week until June 1, 2021, for your chance to win. Keep your eyes on SkyNews.ca for weekly winner announcements!

This Week's Observing Targets

Saturday, February 27th - 3:19 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 full moon was known as the Snow Moon because the heaviest snows usually fell during this time of the year. Since hunting is difficult, it is also known as Hunger Moon, given the harsh weather made hunting difficult.



Check out the sky this week on SkyNews:

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

The Moon passes Kappa Geminorum and buzzes the Beehive this week on the way to its full stage.

[Click here for full article](#)

News From Our Partners

The Institute for Research on Exoplanets has recently launched a new YouTube series, called Exobouchées, or Exobites! The series features five-minute videos that are fun cerebral snacks on the topic of exoplanets. The videos will be in French, with both French and English subtitles. Check out their first one [here!](#)



[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.