



Photo: Scott Barrie



November 16 to November 22, 2020

RASC Weekly: Insider's Guide, Asteroid Threats and more!

Tuesday, November 17, 2020 - 15:30 to 17:00 EST

Insider's Guide to the Galaxy All About Meteor Showers and Meteorites

When better to talk about meteors and meteorites than on the peak of a meteor shower? Tonight is the peak of the Leonids Shower, and we'll be talking about what makes some meteor showers better than others. We'll be joined by expert guest Bryon Czarnik who will talk to us about how to find, identify, and even buy meteorites. We'll have lots of time to answer questions and will go over some astronomy highlights coming up in the next two weeks, too!

Guest speaker: Bryon Czarnik

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

Wednesday, November 18, 2020 - 18:00 to 20:00 EST

Wednesday, November 18, 2020 - 19:30 to 21:30 NT (St. John's) St. John's Centre Monthly Meeting: Assessing the Asteroid Threat

For the upcoming Monthly Meeting, Peter Jedicke will be presenting a talk titled "Assessing the Asteroid Threat"

Abstract:

The idea of an asteroid or a comet hitting the Earth has engaged enthusiasts in our generation. These are, of course, common objects in our solar system. Although comets are still part of the discussion, scientists realize that asteroids pose the main threat to our world. How have astronomers developed an awareness of the threat? We have discovered them in the sky, counted them, tracked them, and predicted the likelihood of colliding with them. Their nature is much better understood now than at the beginning of the Space Age. Economic calculations provide guidance for risk analysis. Strategies for an organized response have been developed. We can also view the situation as an opportunity for space resource development.

[Join Assessing the Asteroid Threat](#)

Thursday, November 19, 2020 - 21:00 to 23:00 EST

Thursday, November 19, 2020 - 19:00 to 21:00 MT (Calgary) Unravelling the Mysterious Fast Radio Burst with CHIME

University of Toronto researcher, Dr. Cherry Ng, discusses how the Canadian CHIME radio telescope is helping to solve the mystery of the contentious origin of bright, short-duration bursts of radio waves known as Fast Radio Bursts.

Register in advance for this webinar cohosted by RASC Calgary and the Calgary Library.

[Register for Unravelling the Mysterious Fast Radio Burst](#)

Astro-image of the Week

Scott Barrie

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](#).

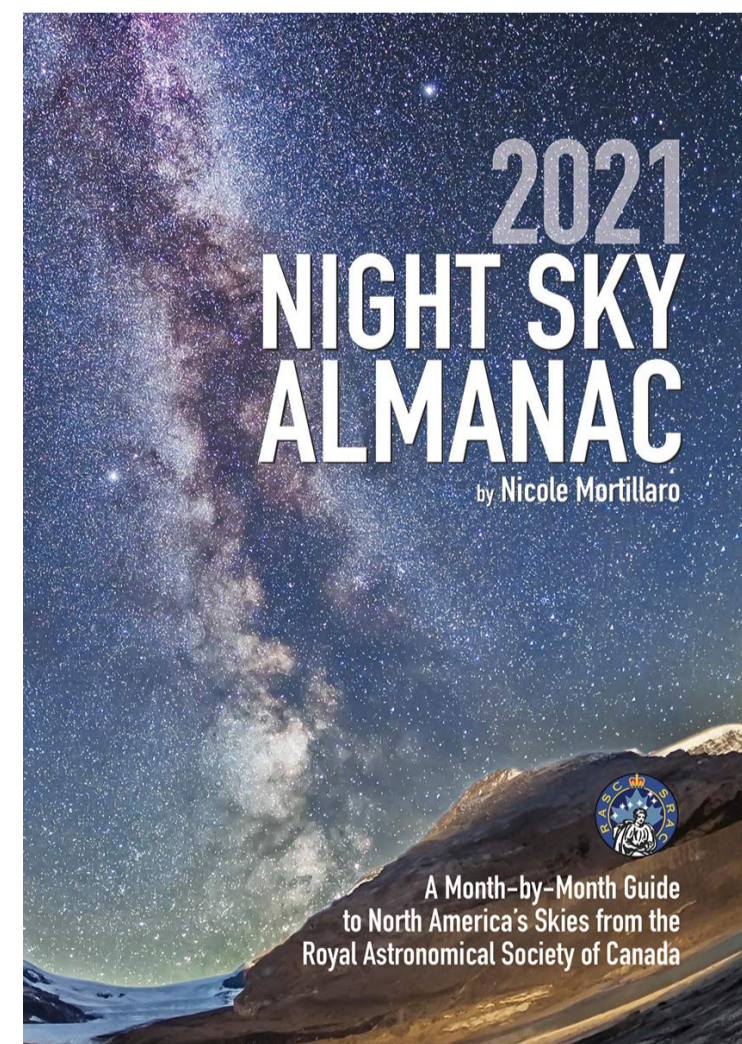
02-SUPERMOON-RISING-8942-SB: I had hoped to photograph the rising of the May 5th, 2012 Supermoon from Spencer Smith Park in Burlington, Ontario. Unfortunately, a prior commitment meant that we would be arriving at the



location shortly after the moon cleared the horizon. However, when we pulled into the crowded parking lot we saw that there was a bank of low-lying cloud hugging the horizon and the moon was still not visible. This gave me a few minutes to get my gear set up for when the Moon cleared the clouds. This shot is comprised of two separate exposures, one for the foreground and one for the Moon.

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

2021 Night Sky Almanac Available now!



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This Week's Observing Targets

November 17, 2020, 8:45pm – November 18, 2020, 6:45am

Leonids meteor shower

Leonids are popular for their meteor showers. It produces 10 to 20 visible meteors in an hour! Leonid storms last occurred in 2002 where meteors appear falling like rain!

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.

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