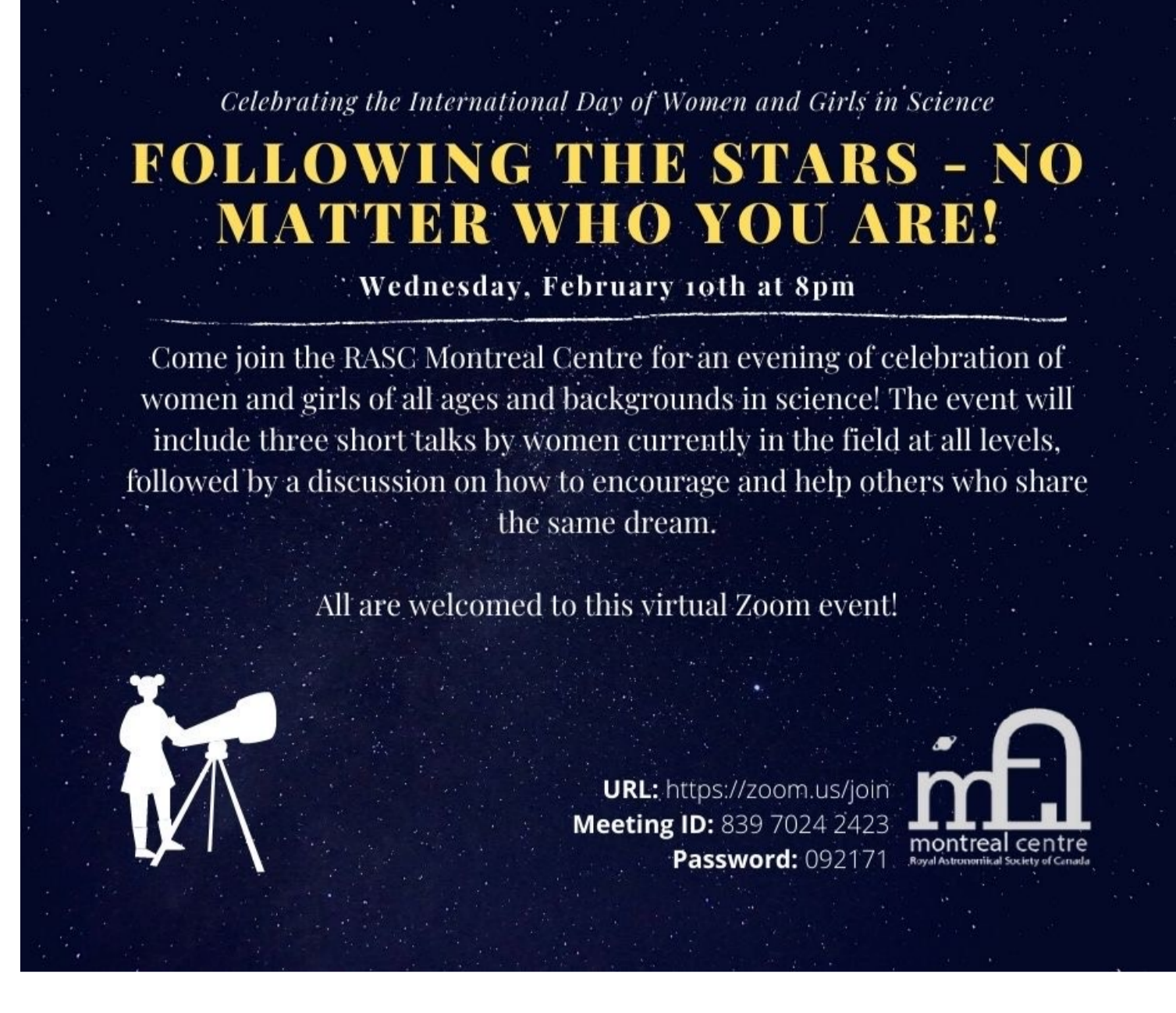


Photo: Tenho Tuomi

## February 8 to February 14, 2021 RASC Weekly: Women in Science and Framing the Future!

Wednesday, February 10, 2021 - 20:00 to 22:00 EST  
Montreal Centre: Celebrate the International Day of Women & Girls in Science



**Following the Stars - No Matter Who You Are!**  
Come join RASC Montreal Centre for an evening of celebration of women and girls of all ages and backgrounds in science! The event will include three short talks by women currently in the field at all levels, followed by a discussion on how to encourage and help others who share the same dream. All are welcome to this virtual Zoom event.

Meeting ID: 839 7024 2423  
Password: 092171

[Join Following the Stars - No Matter Who You Are!](#)

Thursday, February 11, 2021 - 19:00 to 21:00 EST  
Astronomy today, Framing the future



Dark matter. Humans on the Moon. Black holes and exoplanets. They're hot topics in the news, and it just so happens women are discussing them. Join us for a panel discussion that passes the Bechdel Test, bringing four great Canadian minds together to talk about observational astronomy, cosmology, astroparticle theory, planetary geology and the future of science that is out of this world.

The panel is presented by The Royal Astronomical Society of Canada and SkyNews. Hosted and moderated by SkyNews editor-in-chief Allendria Brunjes and RASC outreach co-ordinator Jenna Hinds, RASC Next Gen committee chair Emilie Lafèche and RASC Diversity and Inclusivity committee chair Roland Dechesne will be moderating audience discussion.

### Speakers:

- **Sophia Gad-Nasr** is a PhD candidate in cosmology and astroparticle theory at the University of California and engages in scientific outreach on a daily basis. She runs her own blog, [astropartgirl.com](http://astropartgirl.com), writing about various topics in physics in an effort to engage the public in science and help people see that science is fun and interesting. Through science communication, she works to break down the stereotype that physics is hard and raise awareness to the difficulties women and underrepresented minorities deal with in the field.
- **Sara Mazrouei** discovered her interest in space and astronomy at an early age, and has used her expertise gained through completing a PhD in planetary geology to share knowledge about space with the public. An advocate for women and people of colour in STEM, her hope is to relay her own passion for discovery into excitement for learning at all ages. She is currently an educational developer at Ryerson University.
- **Nicole Mortillaro** is a senior science reporter at CBC. She has an avid interest in all things science. As an amateur astronomer, Nicole can be found looking up at the night sky appreciating the marvels of our universe. She is the editor of the *Journal of the Royal Astronomical Society of Canada*, a regular writer with *SkyNews* and the author of several books, including the *2021 Night Sky Almanac* published with RASC.
- **Sarah Gallagher** is the science advisor to the president of the Canadian Space Agency. Her research focuses on studying growing supermassive black holes at the centres of distant galaxies and the interactions between galaxies in crowded environments. She has over 100 refereed papers that include data from 10 different space observatories, and her research has been recognized with an Ontario Early Career Researcher Award and a Western University Faculty Scholar Award. She regularly speaks to the public of all ages about black holes and other wonders of the universe.

[Register for Astronomy Today, Framing the Future](#)

### Advertise your Centre's Events in this Newsletter!

Broaden your audience and meet RASC members from across Canada by advertising your Centre's events in this newsletter! Any Centre is welcome to include their events by emailing event details to Samantha at [outreach@rasc.ca](mailto:outreach@rasc.ca). Events will be added to the RASC online calendar and will be included in that week's newsletter. Please note that in doing so, events will be advertised both across RASC and to the public.

### Astro-image of the Week Tenho Tuomi

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](#).

**Full moon Rising:** Super Moon rising over the farmyard taken from one mile away.

Details:  
Tuomi farm, Lucky Lake, SK, 2016-11-13 17:40 CST, Canon T5i, 75-300mm, 1/250sec ISO 1600 F/5.6 300mm.



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

### RASC Publications Now Available on Amazon



You now have even more ways to get your astronomy fix! Select RASC publications are [now available on Amazon.ca](#). Through Amazon you can purchase:

- [Observer's Handbook 2021 - Canadian Edition](#) and [Observer's Handbook 2021 - US Edition](#).
- [Observer's Calendar 2021](#)
- [A Nightwatchman's Journey](#), by David H. Levy
- [Explore the Universe Guide 2nd Edition](#)

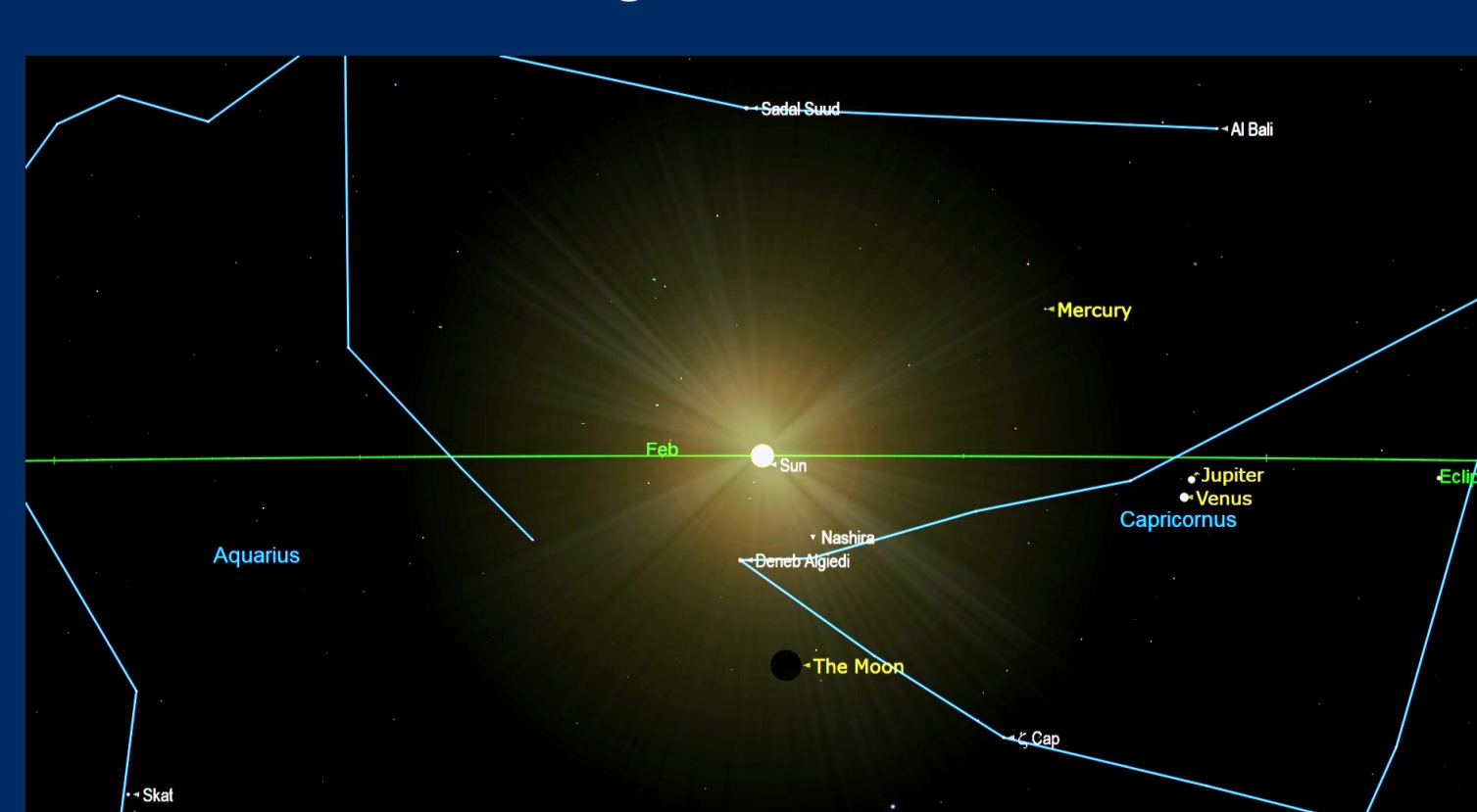
We hope this will make our publications more accessible to members and non-members alike. Clear skies!

[Buy Now](#)

## This Week's Observing Targets

Saturday, January 13th, 2021 - 12:02 a.m. EST  
New Moon

The Moon will be located on the same side of the Earth as the Sun and will not be visible in the night sky. 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.



Check out the sky this week on Skynews:

This Week's Sky - February 8 to 14, 2021

There's a new Moon this week, making it an excellent time to check out an open cluster and appreciate bright stars in our sky.

[Click here for full article](#)

## Member Highlights

Do you know a member who you think deserves a spot in our newsletter? Let us know! Email [communications@rasc.ca](mailto:communications@rasc.ca) with your submissions.

[View this email in your browser](#)