



# Events, Events, & More Events

This email will provide you with all of the event information that you need. In addition, if you have purchased your GA ticket, your Zoom and Gather Town links to attend the events will be sent to you in approximately 15 minutes.

If you haven't purchased your ticket yet, hurry! Buy now while there's still time!

[Purchase Ticket Now](#)

## The RASC 2021 GA Schedule

	FRIDAY, JUNE 25	SATURDAY, JUNE 26	SUNDAY, JUNE 27	MONDAY, JUNE 28
12:00PM	RASC YOUTH DAY WELCOME		NATIONAL COUNCIL MEETING	VIRTUAL TOURS OF OBSERVATORIES
12:30PM	PARALLEL WORKSHOP SESSIONS	RASC COMMITTEE PRESENTATIONS		
1:00PM	ASTROPHOTOGRAPHY CONTEST		MEET THE RASC STAFF	
2:00PM	MINGLING METEORITES YOUTH NETWORKING			
2:30PM				
3:00PM	AARON PERSAD SPEAKER PRESENTATION	KATIE MACK SPEAKER PRESENTATION	MARS MADNESS PANEL DISCUSSION	
3:30PM				
4:00PM	PSS AND CLF WINNER ANNOUNCEMENTS	HILDING NEILSON SPEAKER PRESENTATION		
4:30PM				
5:00PM		KATE RUSSO SPEAKER PRESENTATION		
5:30PM				
6:00PM				
6:30PM			AGM	
7:00PM	KEYNOTE SPEAKER EMILY CALANDRELLI			
7:30PM		SHOOTING STAR SOCIAL & AWARDS EVENT		
8:00PM				

ALL SCHEDULE TIMES ARE IN EDT

### FRIDAY, JUNE 25, 2021 DAY 1

Time	Event	Description/Topic	Talk Abstract
12:00 - 12:30	Youth Day Welcome		
12:30 - 13:30	Youth Workshops	Hosted by: Tara Jaffer Workshop Topic: Alien Drawing (For Children - Age 15) Hosted by: Fiona Morris Workshop Topic: Astrophotography (For Age 15 - 25)	
14:00 - 15:00	Youth Networking	Network with Kate Howells, Diana Phillips & Trevor Kjoften (Space Educators)	
15:00 - 16:30	Speaker Presentation Aaron Persad	The Era of Commercial Human-Tended Spaceflight Research	In this talk, Dr. Persad will describe IAS research and education programs and how to become involved. Topics will include: Airborne campaigns to observe noctilucent clouds; Reduced gravity flights and a look at some life and physical science payloads; Underwater analog testing of surface planetary geology tools; Physics of solid body rotation; Thermodynamics of water in near-vacuum; The PoCUSM3 and Space for All Nations STEM programs. While not an "astronaut training" institute, the IAS program does provide participants with experience in areas that could be beneficial to future astronaut calls. Dr. Persad will share about how IAS helped him to put forward a competitive application to the 2017 Canadian Space Agency Astronaut Recruitment Campaign and progress made in the Top 60's.
19:00 - 19:10	2021 GA Welcome		
19:10 - 20:10	Keynote Speaker Emily Calandrelli	Women in STEM	STEM fields, including the space industry, have historically been a bit homogeneous. Learn how lack of diversity leads to problems down the road and ways media, including social media, can be used to help increase representation and change the collective consciousness of society.
20:10 - 20:20	Private Talk	RASC Youth Members get a chance to chat with Emily Calandrelli.	

Double click the image to enlarge.

### SATURDAY, JUNE 26, 2021 DAY 2

Time	Event	Description/Topic	Presentation Abstract
12:00 - 12:05	Welcome		
12:05 - 12:30	History Committee Presentation	Using astronomical history to enrich modern observing and public outreach	
12:30 - 13:00	EPO Committee Presentation	EPO Showcase & Demo	Why's the Moon so moody? It's just going through a phase. Join RASC's Education and Public Outreach Committee for more space jokes, some cool star party tricks, and to learn about our National Outreach initiatives that you and your friends and family can participate in.
13:00 - 13:30	ISD Committee Presentation		
13:30 - 14:00	Robotic Telescope	Astrophotography and Exoplanets with SkyNews and RASC	Hear about SkyNews and RASC's joint ventures with the RASC Robotic Telescope. We'll announce new ways you can learn astrophotography processing with SkyNews and scientific processing with RASC, all using data from the Robotic Telescope.
14:00 - 14:30	LPA Committee Presentation	Refreshing the Light Pollution Abatement Program	During 2020, the national Light Pollution Abatement Committee re-evaluated its mandate and priorities then developed goals for 2020 and 2021 that will realize these priorities, accounting for resource constraints and stakeholder feedback. The main areas of effort are devoted to improving the application processes and sustainment, support for our flagship dark-sky preservation program and on providing light pollution abatement resources that can be used by local Centres.
14:30 - 15:00	ISD Video	Gender and Sexual Diversity	
15:00 - 16:00	Katie Mack Speaker Presentation	Death of a Universe	The Big Bang theory tells the story of the beginning of the Universe, our cosmic home for the last 13.8 billion years. But what is the story of its end? I'll share what modern astrophysics tells us about the ultimate fate of the cosmos, and what each possibility would entail if there were people there to see it.
16:00 - 17:00	Hilding Neilson Speaker Presentation	Astronomy and Colonization	Our understanding of the Universe has exploded in the past 500 years and much of that growth has been enabled by and has contributed to colonization. In this talk, I will discuss the intersection of astronomy and colonization in the past, present, and future and how we as astronomers can change build a more inclusive field and live up to the idea that the sky belongs to everyone.
17:00 - 18:00	Kate Russo Speaker Presentation	Putting Words to the Ineffable	Most of us experience a sense of awe, wonder and insignificance when we gaze up at the night sky as we appreciate the vastness of our Universe. Some events, such as eclipses and transits, allow us to see celestial mechanics in action. The total solar eclipse (TSE) is a uniquely immersive experience, with many describing a sense of dread, fear, awe and excitement with the sudden passing darkness of the Moon's shadow when viewed from within the path of totality. For some, the brief but intense experience is life-changing. Those who have witnessed totality will immediately recognise the struggle to find words that fully capture what is experienced.
19:00 - 20:30	Social Evening		Join us for an evening of virtual socialisation, dancing and games in the RASC GA Gather Town Space! Brush up on your crater sketching skills and mix a space-themed drink with our special guests.

Double click the image to enlarge.

### SUNDAY, JUNE 27, 2021 DAY 3

Time	Event	Speaker/Host	Presentation Abstract
12:00 - 13:30	National Council Meeting	Eric Briggs	
13:30 - 14:30	Meet the Staff		Don't miss your chance to have an informal conversation with individual RASC Staff members who will be situated throughout the virtual meeting space in Gather Town. We cannot wait to meet you!
15:00 - 15:05	Welcome		
15:05 - 16:30	Mars Panel	Randall Rosenfeld	RASC History of Mars Observations
		Roland Decheene	25-year retrospective of the Aon Hills meteorite analysis
		Dabarsi Das	Finding life on Mars through Earth analogues
		Richard Leveille	Curiosity Rover and Perseus, role of meteorites and terrestrial analogues
16:30 - 17:30	30 min panel discussion	Moderated by Emilie Lefleche	Mars Madness - The red planet has captivated RASC members as a subject of observation and speculation since our founding. This presentation will introduce some artifacts of that fascination - reports, images, observers, instruments, discourse and recriminations - and an answer to one big question about curiosity.
18:00 - 19:30	AGM	AGM	AGM

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### MONDAY, JUNE 28, 2021 DAY 4

Time	Event	Description/Topic	Presentation Abstract
12:00 - 12:05	Welcome		
12:05 - 14:00	Observatory Tours	Chris Herd	Meteorite Lab at the University of Alberta
		Patrick Hill	Meteorite Lab at the University of Alberta
		Sean Dougherty	Director of ALMA - Cochrane AB
		Mike Couvrette	Roberta Bondar Observatory, Ft Smith NWT
		Wood Buffalo Staff	Roberta Bondar Observatory, Ft Smith NWT

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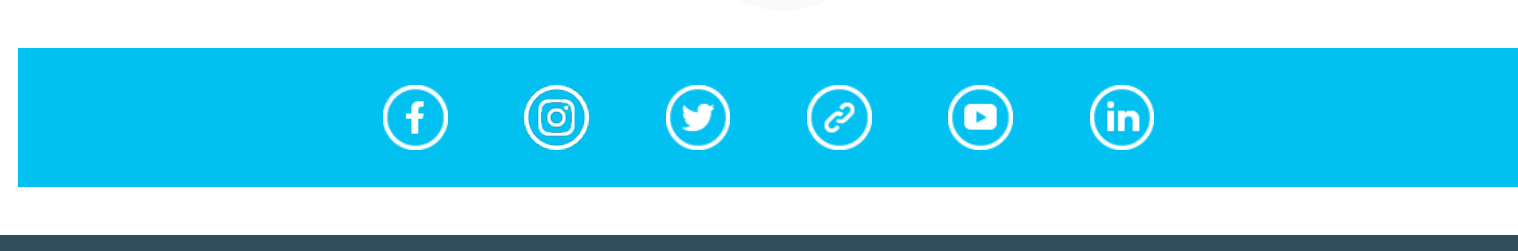
Are you a RASC member?  
Don't forget to register for the AGM!  
The AGM is a member-only event, and attendance is free.

[Register for the AGM](#)

## We're happy to help.

Contact [communications@rasc.ca](mailto:communications@rasc.ca) for answers to your questions regarding 2021 GA events.

We can't wait to see you!



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