



WOMEN IN ASTRONOMY

11 a.m.–noon	EXOPLANETS / For all Institute for Research on Exoplanets	Introduction to techniques used to discover exoplanets, their variety and researchers' hopes of soon being able to find Earth's twin.
noon–1 p.m.	WOMEN IN LUNAR NOMENCLATURE / For all Bettina Forget	Presentation on how women astronomers and other scientists are being acknowledged by having their names given to moon craters. (The presentations will be given in English, but the question period afterward will be bilingual.)
1 a.m.–2 p.m.	WOMEN IN ASTRONOMY – DISCUSSION AND CAREERS / For all Hosted by Nathalie Ouellette, Irex	A discussion among women in astronomy to find out more about careers in science and in science writing. (Panelists will be speaking English and French, so the same information may not be conveyed in both languages.)
11 a.m.–3 p.m.	ASTRONOMY WORKSHOP / Ages 4–11 Science Yourself! No G's about it.	Explore the cosmos through creativity, combining science and art.
11 a.m.–6 p.m.	WORKSHOP: LAUNCH A BOTTLE ROCKET.* / Ages 8 + Oronos Polytechnique, McGill Rocket Team	Learn the basics of how a rocket works and then make one yourself. Using plastic bottles and a bicycle pump, you can propel your own rocket into the sky!
	ASTROPHOTOGRAPHY EXHIBITION / For all BrightDot Events / Royal Astronomical Society of Canada	Exhibition of photographs of the deep sky and astronomical landscapes.
	OBSERVATION OF THE EARTH FROM SATELLITES / For all MDA	Discovery table on the many services provided by satellites. You'll find out lots more from models, games and activities.
	THE SECRETS OF METEORITES / For all Planétarium Rio Tinto Alcan	Discover the fascinating world of meteorites as an astronomer guides you through the biggest collection in Quebec.
	BUILD YOUR OWN CUBESAT / For all PolyOrbite	Dive into space science by making your own CubeSat out of paper.
	BUILD YOUR OWN COMET / Ages 4–11 BrightDot Events / Royal Astronomical Society of Canada	Educational activities and crafts for children. Learn about space and make a comet to take home!
	THE PHASES OF THE MOON / For all Space Concordia	Activities to help children understand the phases of the Moon, or train their memories with pictures of planets, rockets, etc.
	UNVEAL THE INVISIBLE / For all AstroMcGill	Technology allows us to see what our eyes could not because of different lights like ultraviolet rays.
	OBSERVING THE SUN* / For all Société d'astronomie du Planétarium de Montréal	Observe the Sun using specialized telescopes and other optical instruments.
	QUESTIONS AND ACTIVITY SHEETS / Ages 6–12 Astro-Poly	Children discover space and astronomy through games, questions and activities.
	WEBBVR EXPERIENCE / Ages 6 and up Institute for Research on Exoplanets	Discover the James Webb Space Telescope through a virtual experience.
11 a.m.–8 p.m.	ROCKET DISPLAY / For all RockETS, Space Concordia, McGill Rocket Team	Exhibition and presentation on rockets entered into competitions among amateur builders' clubs.
	INFORMATION TABLES / For all	Several organizations have stands to present their activities and invite you to join them beyond International Astronomy Day.
2–3:30 p.m.	PAINTING OUR GALAXY** / For all Swarm et Plateau Astro	Paint your own artwork inspired by the Milky Way and take it home with you.
2:30–3:30 p.m.	THE STARRY SKY, A LEGACY TO SHARE / For all ASTROLab at Mont-Mégantic national park	Introduction to the International Dark Sky Reserve at Mont Mégantic, the activities at the Mont Mégantic ASTROLab and information about light pollution.
3–6 p.m.	ASTRONOMICAL ACTIVITIES / For all Cegep Student Space Clubs	A number of workshop stations offer space activities designed for each age group.
3:30–4 p.m.	SHADOW CHASERS** / For all Royal Astronomical Society of Canada	Documentary on the 2017 total eclipse of the Sun and a passionate devotee's hunt for a few moments of darkness.
3:30–5 p.m.	LUNAR CRATER SKETCHING WORKSHOP / Ages 6 and up Bettina Forget and Cegep Student Space Clubs	Learn how to represent the fine details of moon craters.
4–4:30 p.m.	3D WALKS ON MARS** / For all Royal Astronomical Society of Canada	3D movie showing actual footage taken by Mars rovers.
4:30–6 p.m.	ASK AN ENTHUSIAST / For all	Astronomers, scientists, and artists will answer all your questions!
5–6:30 p.m.	WORKSHOP: SATELLITES AND SPACE MISSIONS** / Ages 8–15 McGill Space Group	Workshop on how satellites are designed and operated, depending on their mission.
6–7 p.m.	THE STARRY SKY, A LEGACY TO SHARE / For all ASTROLab at Mont-Mégantic national park	Introduction to the International Dark Sky Reserve at Mont Mégantic, the activities at the Mont Mégantic ASTROLab and information about light pollution.
6:30–8 p.m.	GRAVITY WORKSHOP / For all QMSat	Participants will build a capsule for astronaut David St-Jacques to return to Earth in. Standing in for the astronaut will be—an egg!
7–8 p.m.	50 YEARS OF MOON EXPLORATION** / For all Royal Astronomical Society of Canada	Illustrated talk celebrating the 50th anniversary of the Apollo 11 mission.
8:30–11 p.m.	OBSERVING THE NIGHT SKY* / For all Société d'astronomie du Planétarium de Montréal Royal Astronomical Society of Canada Astro-Poly	Observe the night sky, with the naked eye or a telescope. You can see more than just the moon in the deep sky, even in a big city like Montréal.

*Outdoor activity, weather permitting. **In English only.