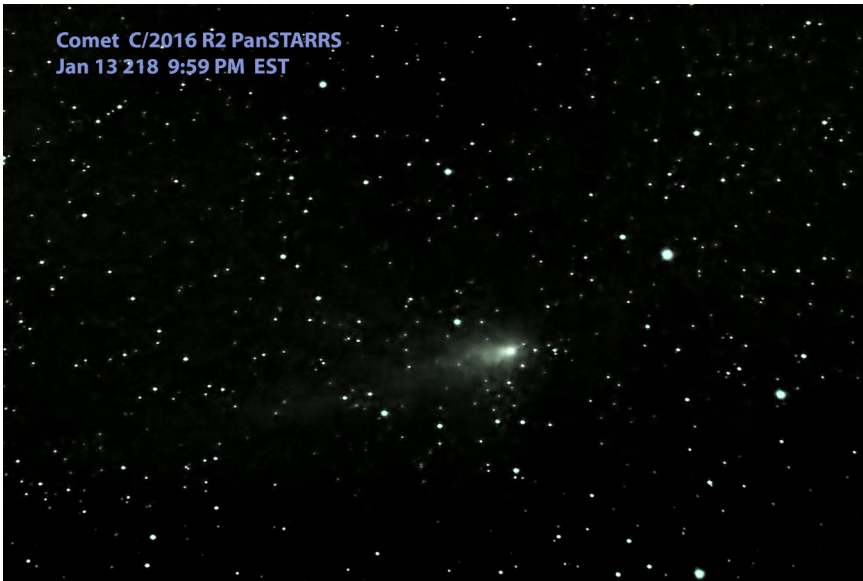
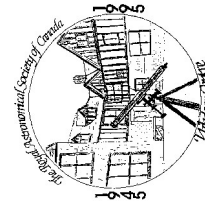




Brian Simpson captured this high resolution image of the moon on Saturday January 27, 2018. He used his ASI 1600 monochrome video camera through Clear, Red, Green and Blue filters to create this colour composite image.



Mahayarrahh-Starr Livingstone captured Comet C/2016 R2 PanSTARRS from Hallam Observatory on Saturday January 13, 2018.



AURORA



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The Royal Astronomical Society of Canada - Windsor Centre
February 2018

Flyer

Next Meeting

Tuesday, March 20, 2018
7:30 p.m.

at

[Ojibway Park Nature Centre](#)
5200 Matchette Road

Speaker:

Juliana Grigorescu

Topic:

"Adventures in X-Ray Astronomy"

Upcoming Events

Zodiacal Light: Is visible for the first two weeks of March in the West after sunset. You will need a dark site and clear horizon.

Conjunction of Venus and Mercury: From March 2nd through the 5th watch Mercury scoot past Venus low in the Western sky after sunset. On Saturday March 3 Mercury and Venus will be just 1 degree apart.

The Moon: Will join the party with Venus and Mercury on Sunday March 18. The ultrathin Moon will be 3 degrees to the lower left of Venus.

Daylight Savings Time: Returns on Sunday March 11th at 2:00 a.m..

Spring Equinox: Spring officially arrives for the Northern hemisphere at 12:15 p.m. EDT on Tuesday March 20th.

Monthly Meeting Minutes

January 16, 2018

The monthly meeting of the Royal Astronomical Society of Canada - Windsor Centre was held at the Ojibway Park Nature Centre.

Windsor Centre **1st Vice President Rick Marion** chaired the meeting. Rick called the meeting to order at 7:39 p.m. and welcomed members and guests to the Ojibway Park Nature Centre.

Rick invited members to review the **minutes of the November 21, 2017 meeting** which were printed in the Aurora newsletter. A **motion to accept the minutes** of the November 21, 2017 meeting was made and the **MOTION CARRIED**.

Rick provided an overview of the meeting and introduced the main presentation.

Main Presentation

Movie Night: **Eyes on the Skies** explores the saga of the telescope over 400 years - the historical development, the scientific importance, the technological breakthroughs, and also the people behind this ground-breaking invention, their triumphs and failures. The film was developed in 2009 as part of the International Year of Astronomy and celebrates Galileo's legacy and the most revolutionary developments in the history of astronomy.

Rick then introduced **Tom Sobocan** to the floor to show a presentation on a fallen astronaut John Watts Young, who passed away on January 5, 2018.

Coffee break and 50/50 draw which was won by **Nancy Ng** who donated the proceeds back to the club.

Director of Observing Report

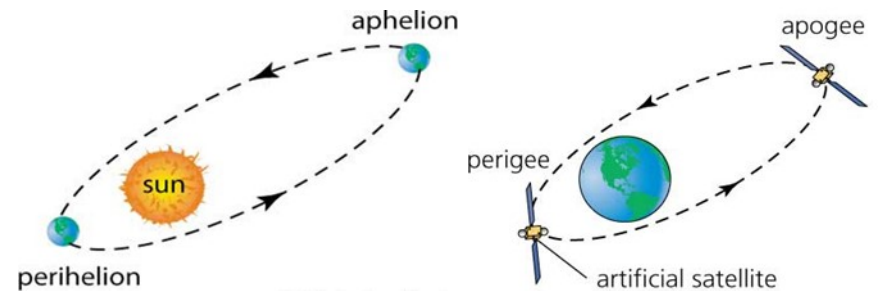
Nancy Ng opened the D of O report with a question period on some local observing and members' photographs, outings, and stories.

On January 1st, the first of two full moons will rise at 5:10 p.m. This moon is called the "**Old Moon**" which will be at perigee for this event. The second full moon will be on January 31st, and rise at 6:11 p.m.. The second showing is called a "**Blue Moon**". Within the next month, the moon will have three conjunctions; **February 7th with Jupiter, February 9th with Mars, and February 11th with Saturn.**

On January 31st **1 Ceres** which is a dwarf planet will be at opposition (opposite the sun, in relation to Earth) and perigee. At 7:30 p.m. it will be 22 degrees above the eastern horizon, with a maximum of 77 degrees at 1:00 a.m. above the southern horizon. Its distance from Earth will be approximately 1.599 AU

or 13.3 light minutes. It will be traveling from near the constellation Cancer, towards Leo.

Fun fact: closest perigee moon for 2018 is on January 1st. The closest perigee moon for the century will take place on December 6th, 2025.



Nancy concluded her presentation by answering questions from the audience.

Rick thanked Nancy for the D of O presentation.

A photo of the members who attended the **December Social for 2017** was shown. The photo clearly showed that we had a good turnout for the pot-luck dinner.

REMINDER: Astro Luncheon at **SKIPPY'S RESTAURANT** every second Wednesday of the month, at noon. Located at 954 University Ave West, Windsor.

Rick thanked everyone for coming out to the meeting and reminded everyone that the **next regular membership meeting** would take place on **February 20th, 2017 at 7:30 p.m.**

Meeting adjourned at 9:25 p.m. January 16, 2018.

Recorded by Dan Perissinotti, RASC Windsor Centre Secretary.