

# Stratford Astronomy Group (SAG)

January 6, 2026  
Meeting



# UPCOMING MEETINGS

- ▶ Tuesday September 16, 2025
- ▶ Tuesday October 7, 2025
- ▶ Tuesday November 4, 2025
- ▶ Tuesday December 2, 2025
- ▶ Tuesday January 6, 2026
- ▶ Tuesday February 3, 2026
- ▶ Tuesday March 3, 2026
- ▶ Tuesday April 7, 2026
- ▶ Tuesday May 5, 2026
- ▶ Tuesday June 2, 2026

# Welcome New Members

- ▶ New members:
- ▶ Two new members: Britt Theurer and Ayane Horie
- ▶ Please sign in (please print) before each meeting
- ▶ Freewill cash contribution
- ▶ Normally we ask that new members introduce themselves

# SAG Website

- ▶ Just a reminder that the group has a website with lots of interesting links, presentations and general information. Check it out!!!
- ▶ Address is [stratfordastronomy.com](http://stratfordastronomy.com)
- ▶ Tim Pauli - Owner/Administrator
- ▶ Ken Roberts - technical contact
- ▶ Tom Kimber - Administrator/Editor
- ▶ Doug Fyfe - Administrator
- ▶ Michael Burns- Administrator
- ▶ Tom will build it on WordPress

# SAG Finances - Tim

- ▶ Fee for use of our school meeting room has gone from about \$25 per year to \$248.88 (\$108.88 for room insurance and \$140.00 for room rental). The new fees have already been paid until Sept 1, 2026.
- ▶ Including cash collected at January 6 meeting (\$41.50), we currently have a bank balance of \$1,103.31. Ideas for spending money? Patrick suggested a Bluetooth speaker for presentations.
- ▶ All agreed that this would be worthwhile, so Patrick will investigate/purchase.
- ▶ If you want to contribute, e-transfer Tim at:
- ▶ [TimAnneMariePauli@gmail.com](mailto:TimAnneMariePauli@gmail.com)
- ▶ Or by cheque to: Tim Pauli, 96 Front St., Stratford, ON, N5A 4H2

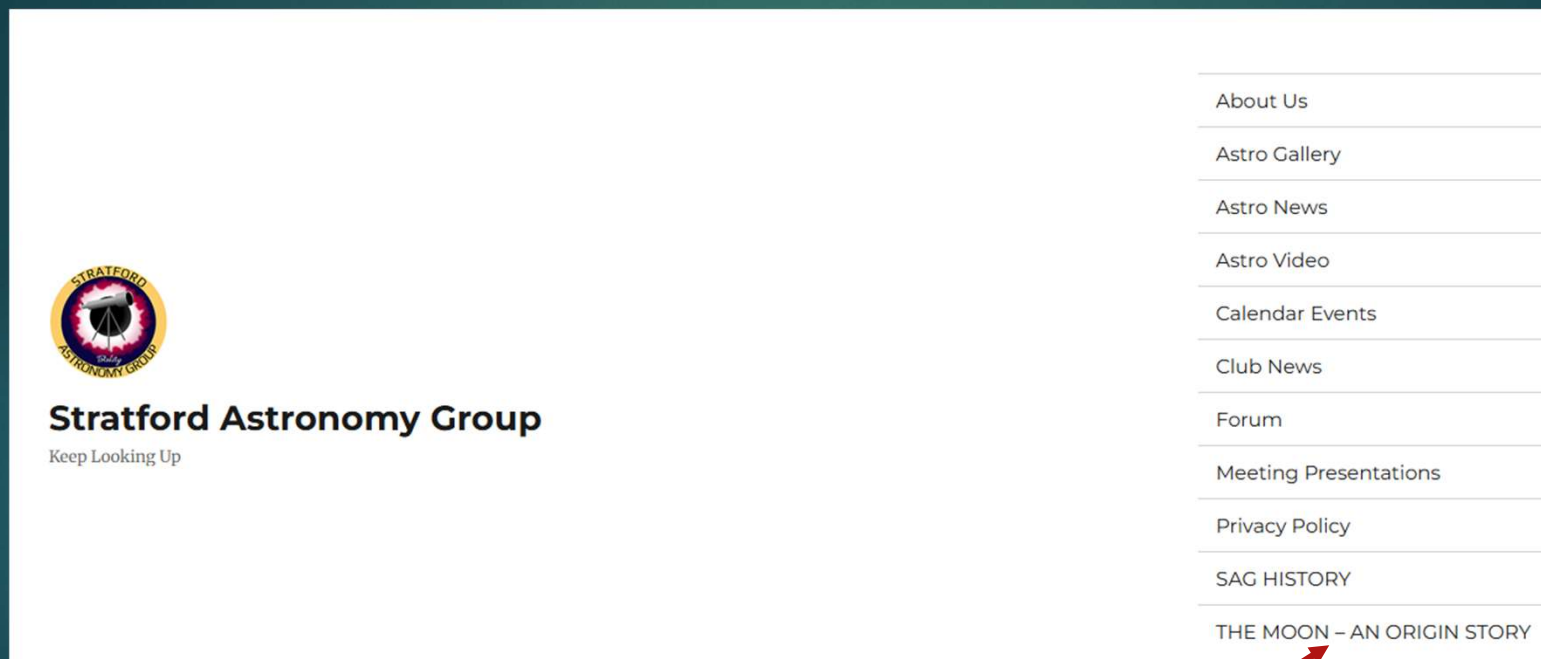
# SAG Restaurant Gathering - Tim

- ▶ Each January we have a get together at a Stratford restaurant. We do this after Christmas to avoid scheduling issues
- ▶ Tim has determined that the group preference is The Parlour restaurant
- ▶ Dinner is scheduled for Friday January 16 at 6:00 PM
- ▶ Please RSVP to Tim

# The Moon Presentation - Tom

- ▶ Tom Gave an excellent presentation on our moon.
- ▶ The moon is in orbital lock with the earth such that we only see one side of the moon
- ▶ Surprising differences in geology between the side of the moon that we see and the far side of the moon
- ▶ Tom discussed how the moon was formed
- ▶ Various other interesting topics.
- ▶ See next slide re how to access his talk

# The Moon Presentation - Tom



Go to the SAG webpage and click on "The Moon – An Origin Story" to access Tom's presentation



# Stratford Observation Group (SOG)

- ▶ SOG is a subset of the SAG. It consists of members that are interested in participating in telescope observation sessions. Patrick and Ken are leading this effort.
- ▶ Patrick added some SAG members to the SOG, at their request

# Stratford Times Ad

- ▶ Tim Pauli mentioned that the Stratford Times newspaper had a section for any upcoming events. It was suggested that we use this opportunity to publicize our club's activities and invite all to our January 6 meeting.
- ▶ Tim made a submission to the paper and it was published in one of their recent issues

# Hubble Trouble Presentation

Bruce Simpson gave a white board presentation at the meeting.

Subsequently he sent me a summary for our minutes.

He will present the full topic using a Powerpoint presentation at our Feb 3 meeting





Stop the slide show and Double click on embedded pdf below, to open it  
(if you have trouble, let me know)



Hubble Trouble Jan 6 Summary.pdf

# New Telescope – Vera C. Rubin

## Key Features & Mission:

- **Location:** Cerro Pachón, Chile, in the Atacama Desert, for optimal dark, dry skies. 
- **Telescope:** An 8.4-meter Simonyi Survey Telescope with a unique three-mirror design for a wide field of view. 
- **Camera:** The largest digital camera for optical astronomy, boasting 3.2 gigapixels (3.2 billion pixels). 
- **Legacy Survey of Space and Time (LSST):** A decade-long project to image the entire visible southern sky every few nights, generating a massive time-lapse record. 

# New Telescope – Vera C. Rubin



## Scientific Goals:

- **Dark Matter & Energy:** Understanding these mysterious components of the universe. [🔗](#)
- **Solar System Inventory:** Cataloging asteroids, comets, and other moving objects. [🔗](#)
- **Milky Way Mapping:** Reconstructing our galaxy's history and structure. [🔗](#)
- **Transient Universe:** Studying objects that change in brightness or position, like supernovae. [🔗](#)

# New Telescope – Vera C. Rubin

- ▶ See link below for a video about this new scope (Ctrl key + mouse click to make link below work).
- ▶ [Jaw-Dropping First Images from the 3.2 Trillion Pixel Camera | Vera C. Rubin Observatory - YouTube](#)

# Club Astronomy Equipment

- ▶ Equipment currently being stored that likely has some use:
- ▶ **Seestar S50 (Patrick)** – deep sky objects, the moon and sun
- ▶ **Celestron CPC 800**, tripod, club laptop, eyepieces, Mallincam camera (Patrick) – planets and deep sky objects
- ▶ **Dopsonian scope** – planets. Base has been under repair and is ready. Tom just needs to make the long drive to pick it up. *Any repair cost??*
- ▶ **Astronomical binoculars and tripod (Paul)**
- ▶ **Action: Tim will compile an up to date inventory list of all equipment. He will then have an in-depth discussion with Paul and present his findings at our Feb 3 meeting**



# New Business

- ▶ A couple of days after our meeting, Megan from the Stratford-Perth museum sent an e-mail asking if we would want to have another Star Party at the museum on a Wednesday or Thursday night, in March or April.
- ▶ Patrick has responded to her and sent out an e-mail to all members asking if they would be willing to participate (indoor presentation or helping with outdoor telescopes)



# How Can we make meetings Better

- ▶ Ideas/Topics/Types of Presentations?
- ▶ Who would be willing to do a brief presentation at a meeting (e.g. interesting photo and it's background info, an interesting article you read, etc..)
- ▶ Doug has provided Patrick with a list of astronomy presentations he has given in the past, that he would be willing to present again.

# Next Meeting

- ▶ Scheduled for Tuesday Feb 3 at 7:00 PM

Questions????

