

The Star Gazette

https://SkokieValleyAstronomers.org/

Always check the Meetings page of the website for the latest information!

Our next meeting, **Friday, November 8, 2024, 7:30 PM**, will be a party! Members only. Please check your email for instructions.

Thanks to our party host!

It's a Party!

Skokie Valley Astronomer club dues are \$30 per year, which runs from April to March. Please check your mailing label. Does it say "member through March 2025"? If not, please consider becoming a member.

| 2024 | | | Moon Elongation | | |
|---------|---|-------------|-------------------|--|--|
| Date | Talk | Speaker | and Phase . | | |
| Decembe | er 13 When Data Visualization Isn't Enough: | Robert Hurt | 164°E – Full Moon | | |

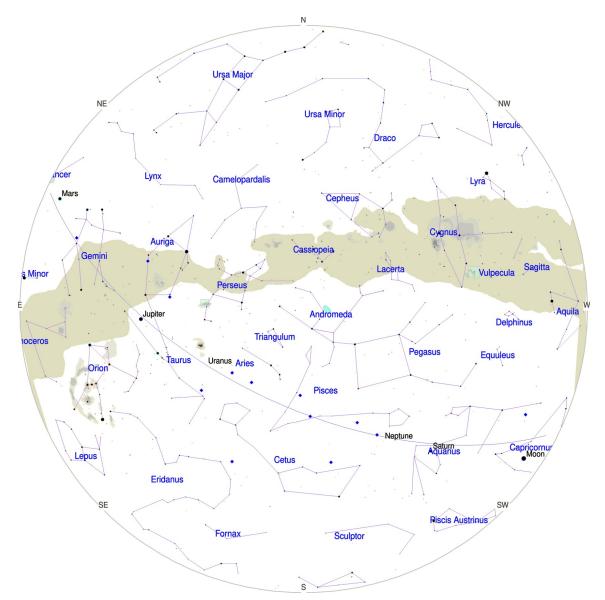
Illustrating Astrophysics for the Public (Video)
Club member Dale Dellutri will introduce a video presented by Robert Hurt, an AstroVizicist (an astronomy visualizer, scientist, and artist) describing his work creating artistic representations of astrophysical objects and concepts for many audiences. He works at Caltech IPAC (Infrared Processing and Analysis Center). This talk covers the development of his artistic process, and the visualization of Black Holes, Exoplanets, Stellar Colors, and other topics.

This video is a Plenary Session talk from the 244th meeting of the American Astronomy Society, June, 2024.

| 2025 | | | Moon Elongation | | | | |
|--|--|------------|-------------------|--|--|--|--|
| Date | Talk | Speaker | and Phase . | | | | |
| January 10 | A More Colorful Look at the Red Planet | Paul Gunty | 144°E – Full Moon | | | | |
| Paul Gunty, a NASA Solar System Ambassador, will talk about the recent results of NASA's exploration of Mars including | | | | | | | |
| the rovers Perseverance and Ingenuity. | | | | | | | |

February 14 TBA TBA TBA 150°W – Full Moon TBA

March 14 Could We Understand an Alien Message? Dale Dellutri 170°W – Full Moon If an alien civilization sent a message, could we receive, decode, interpret, and understand it? Daniela de Paulis, Artist-in-Residence at the Green Bank Observatory and the SETI Institute, designed a message that was as alien as possible, then arranged to have it transmitted to Earth from a spacecraft orbiting Mars. Club member Dale Dellutri will describe this project.



Universal Time (UTC): Saturday 2024-11-09 04:00:00 UTC Adjustment (Time - UTC): -06:00

Date, Time: Friday 2024-11-08 22:00:00

Longitude: West 87.91556° = 87° 54' 56" Latitude: North 42.18194° = 42° 10' 55"

Julian Day: 2460623.66666667 (+101.1s = Dynamical time)

Local Sidereal Time: 01h 25.3m Moon Phase: First Quarter -2°

| | Equinox | of Date | Horiz | on | Ecli | ptical | Anglr | |
|---------|-----------|----------|----------|------|--------|---------|-------|-------|
| Object | RA | Dec | Azimuth | Alt | Elong | Constel | Size | Illum |
| | | | | | | | | |
| Sun | 14h 59.1m | -16° 58' | 134° NW | -57° | | Lib | 32.3' | |
| Mercury | 16h 25.4m | -24° 14' | 101° WNW | -48° | 21° E | Sco-Oph | 5.8" | 77% |
| Venus | 17h 46.3m | -25° 28' | 85° W | -34° | 40° E | Sgr | 15.0" | 75% |
| Mars | 08h 17.0m | +21° 25' | 246° ENE | +5° | 106° W | Cnc | 9.8" | 89% |
| Jupiter | 05h 15.8m | +22° 20' | 274° E | +38° | 147° W | Tau | 46.8" | |
| Saturn | 22h 59.6m | -08° 44' | 42° SW | +29° | 115° E | Aqr | 18.0" | |
| Uranus | 03h 33.2m | +18° 53' | 301° ESE | +54° | 172° W | Tau | 3.8" | |
| Neptune | 23h 52.4m | -02° 15' | 31° SSW | +41° | 130° E | Psc | 2.3" | |
| Pluto | 20h 11.0m | -23° 22' | 65° WSW | -7° | 73° E | Сар | 0.1" | |
| Moon | 21h 17.1m | -20° 27' | 56° SW | +5° | 88° E | Cap | 31.7' | 48% |