

# Skokie Valley Astronomers

## The Star Gazette

<https://SkokieValleyAstronomers.org/>

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

Our next meeting, **Friday, April 11, 2025, 7:30 PM**, will be hybrid: online via Zoom and in-person at the Glenview Public Library, 1930 Glenview Rd, Glenview, IL, 60025. Free parking is available. Please check the website Meetings page for the latest information and Zoom link.

Europa Clipper is NASA's largest-ever planetary spacecraft and it is on its way to the Jupiter system. Arriving in April 2030, the goal of this mission is to study Europa, one of the Galilean moons and one of our solar system's most interesting ocean worlds to find out whether this moon might host conditions that are suitable for life. **Michelle Nichols**, Director of Public Observing at the Adler Planetarium, will give an overview of this exciting mission and what scientists are hoping to learn from it

**Bon Voyage, Europa Clipper!**

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 2026**"? If not, please consider becoming a member.

2025 Date	Talk	Speaker	Moon Elongation and Phase
May 9	A Virtual Tour of the Green Bank Observatory Sophie de Saint Georges, Education Specialist at the Green Bank Observatory, will present, via Zoom, a virtual tour of the equipment and science at the observatory.	Sophie de Saint Georges	152°E – Full Moon
June 13	Black Holes: "Nothin' to see here" Club member Andy Kurz will discuss black holes.	Andy Kurz	147°W – Full Moon
July 11	Exploring the Universe with JWST, Part 2 Club member Jim Kovac invites you to join the continuing exploration of the cosmos with the James Webb Space Telescope. We will discuss the progress to investigate the evolution of galaxies, the birth of stars and protoplanetary systems, and consider some discoveries awaiting explanation as JWST probes the early Universe.	Jim Kovac	164°W – Full Moon
August 8	Mountains of the Solar System Chuck Allen, President of the Astronomical League, will discuss the mountains that can be found on many planets and planetoids of the Solar System.	Chuck Allen	178°E – Full Moon



Universal Time (UTC): Saturday 2025-04-12 03:00:00  
 UTC Adjustment (Time - UTC): -05:00

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 Date, Time: Friday 2025-04-11 22:00:00  
 Longitude: West 87.80861° = 87° 48' 31"  
 Latitude: North 42.07306° = 42° 04' 23"  
 Julian Day: 2460777.62500000 (+101.8s = Dynamical time)  
 Local Sidereal Time: 10h 32.8m  
 Moon Phase: Full -9°

Object	--Equinox of Date--		----Horizon---		---Ecliptical--		Anglr Size	Illum
	RA	Dec	Azimuth	Alt	Elong	Constel		
Sun	01h 23.1m	+08° 44'	132° NW	-25°		Psc	31.9'	
Mercury	23h 53.6m	-01° 54'	150° NNW	-45°	25° W	Psc	9.4"	29%
Venus	23h 32.6m	+02° 19'	159° NNW	-43°	28° W	Psc	49.8"	12%
Mars	08h 00.7m	+22° 59'	71° WSW	+53°	95° E	Gem	7.5"	90%
Jupiter	05h 07.2m	+22° 36'	102° WNW	+21°	55° E	Tau	35.0"	
Saturn	23h 47.7m	-03° 27'	151° NNW	-47°	27° W	Psc	15.8"	
Uranus	03h 32.1m	+18° 52'	114° WNW	+2°	33° E	Tau	3.4"	
Neptune	00h 03.7m	-00° 58'	147° NNW	-43°	22° W	Psc	2.2"	
Pluto	20h 27.6m	-22° 42'	243° ENE	-57°	79° W	Cap	0.1"	
Moon	12h 46.4m	-07° 00'	320° SE	+32°	171° E	Vir	29.7'	99%