

<http://www.SkokieValleyAstronomers.org>

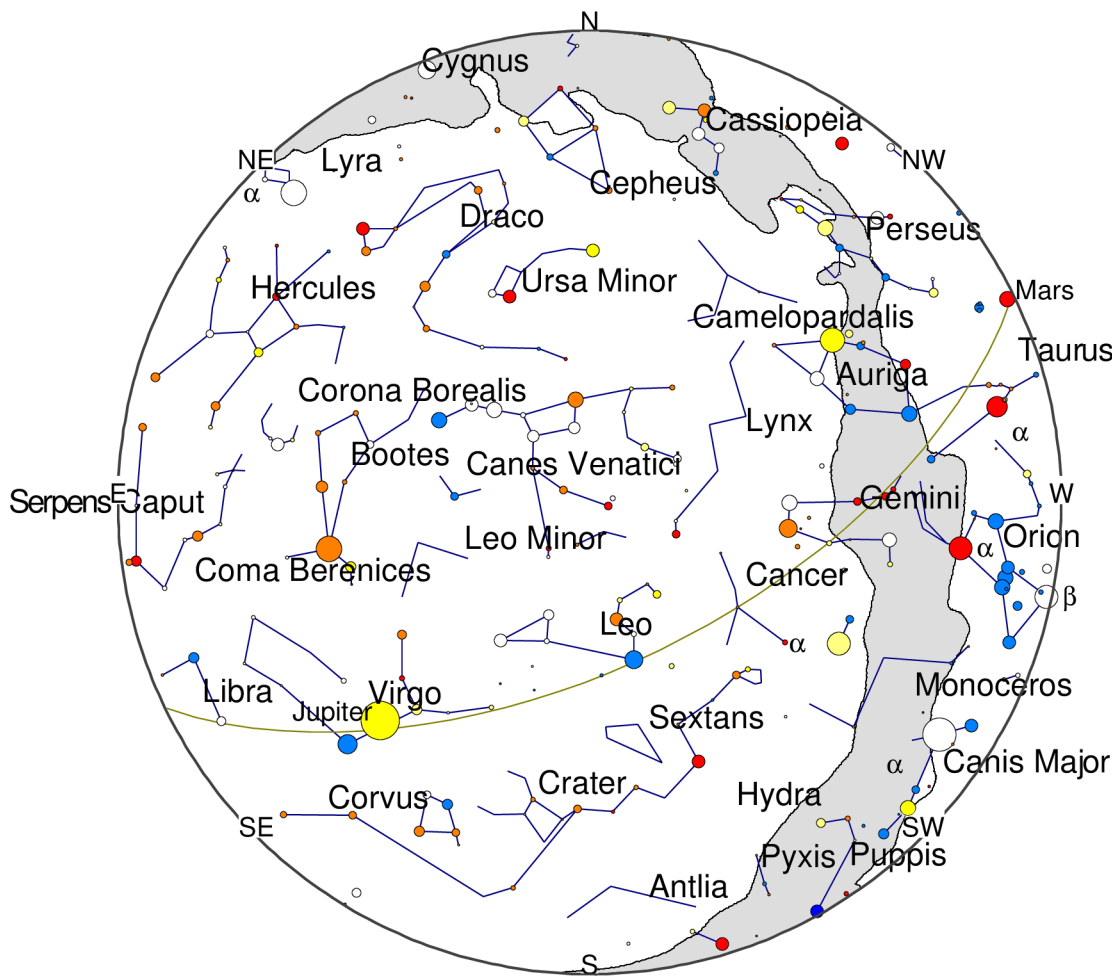
The next meeting will be on **Friday, April 14, 2017**, at **8PM**, at the Welcome Center of Ryerson Woods. Club Member **Frances Dellutri** will share her experience at Space Center Houston in February at which she presented and attended various lectures and workshops on space development and space education: tons of space fun! **“Seeking Space Education at SEEC (Space Exploration Educators' Conference)”**.

After the talk, we will move outside for viewing if weather conditions permit. Remember to dress for the weather, and bring your binoculars and telescopes.

Skokie Valley Astronomer club dues are \$20 per year, which runs from April to March. Please check your mailing label. Does it say **“member through March 2018”**? If not, please consider becoming a member.

2017 Date	Talk	Speaker	Moon Elongation and Phase
May 12	SpaceX and the Mars Mission	Barak Stoltz	155°W – Full Moon
Barak Stoltz will discuss his personal experience as a Manufacturing Engineering Intern on SpaceX's Dragon 2 capsule for the past 6 months as well as the current push by dozens of organizations to get people to Mars.			
June 9 (TBA)	(TBA)	(TBA)	173°W – Full Moon
July 14	How To Think Like a Scientist– The Virtue Of Doubt In a Certain World	Andrew Rivers	111°W – Last Quarter
Andrew Rivers, Associate Professor at Northwestern University, will talk about the nature of science and the scientific method and how we decide our relative certainty and degrees of doubt in different discoveries and ideas.			
August 11 (TBA)	(TBA)	Gretchen Patti	127°W – Last Quarter
September 8 (TBA)	(TBA)	(TBA)	144°W – Full Moon
October 13 (TBA)	Native American Star Stories	Penni Isaacson	69°W – Last Quarter

**RYERSON WOODS / WELCOME CENTER  
21950 RIVERWOODS RD, DEERFIELD, IL 60015  
42° 10' 55" N, 87° 54' 56" W**



Universal Time (UTC): Saturday 2017-04-15 03:00:00  
 UTC Adjustment (Time - UTC): -05:00

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 Date, Time: Friday 2017-04-14 22:00:00

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

Julian Day: 2457858.62500000 ( +89.8s = Dynamical time)  
 Local Sidereal Time: 10h 43.7m  
 Moon Phase: Full +44°

Object	-----J2000.0-----		----Horizon---		---Ecliptical--		Anglr	
	RA	Dec	Azimuth	Alt	Elong	Constel	Size	Illum
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Sun	01h 33.0m	+09° 42'	133° NW	-24°		Psc	31.9'	
Mercury	02h 00.4m	+15° 08'	130° NW	-16°	8° E	Ari	10.9"	4%
Venus	23h 40.7m	+02° 47'	160° NNW	-42°	28° W	Psc	49.3"	13%
Mars	03h 31.6m	+19° 36'	116° WNW	+1°	30° E	Tau	4.0"	97%
Jupiter	13h 05.4m	-05° 15'	317° SE	+32°	172° E	Vir	44.1"	
Saturn	17h 49.2m	-22° 03'	276° E	-26°	118° W	Sgr	17.3"	
Uranus	01h 30.8m	+08° 53'	133° NW	-25°	1° W	Psc	3.3"	
Neptune	22h 58.8m	-07° 27'	173° N	-54°	42° W	Aqr	2.2"	
Pluto	19h 22.4m	-21° 11'	259° E	-42°	96° W	Sgr	0.1"	
Moon	16h 31.0m	-17° 13'	285° ESE	-8°	136° W	Sco-Oph	29.4'	86%