

<http://www.SkokieValleyAstronomers.org>

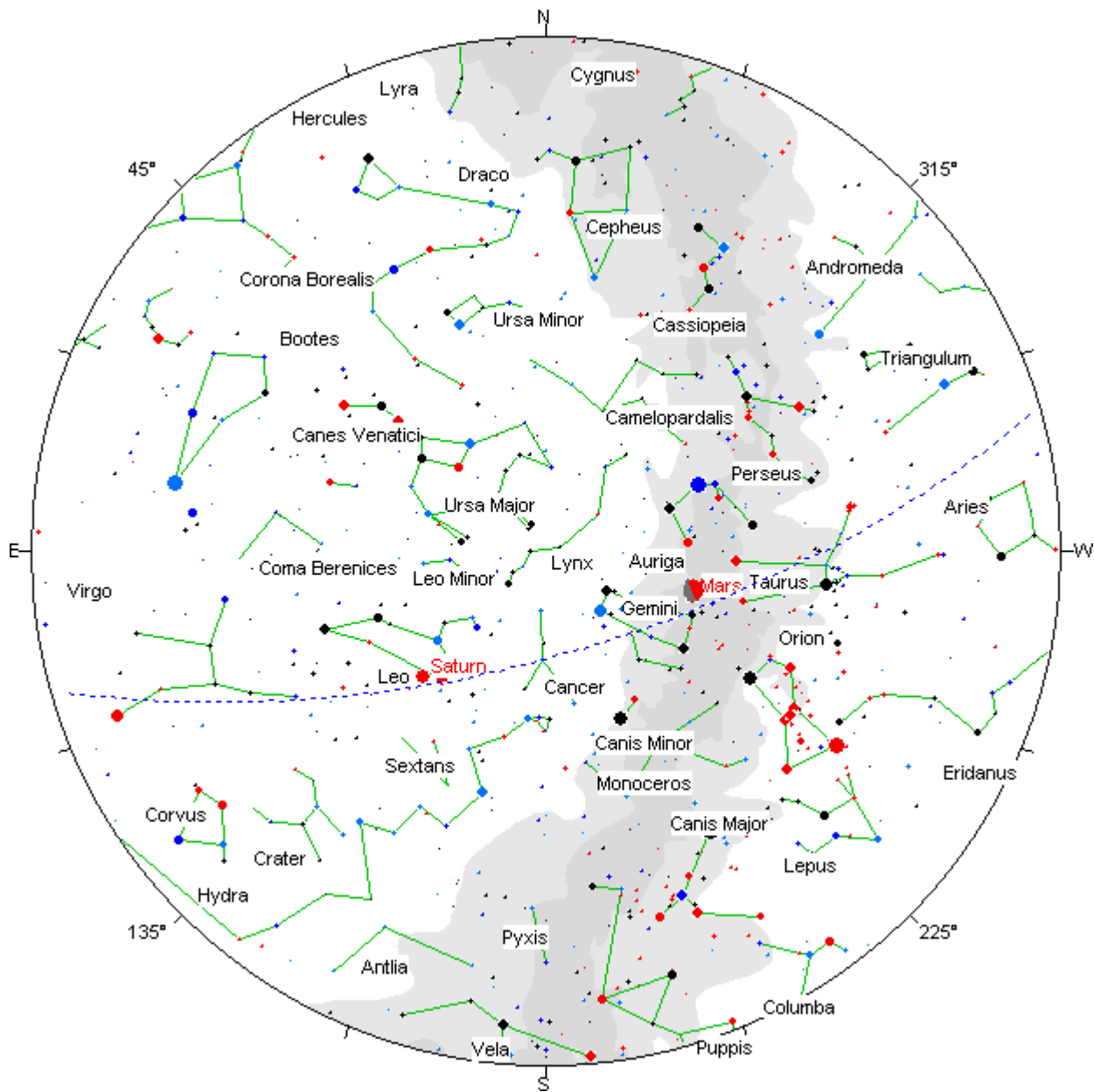
The next meeting will be on Friday, **March 14, 2008**, at 8PM, at the Ryerson Nature Center. **Michael Smutko**, Senior Lecturer in the Department of Physics & Astronomy at Northwestern University will present “**Even Sharper Than Hubble**”. He'll talk about how anti-missile technology is being used to produce the sharpest astronomical images ever seen.

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 2009**”? If not, please consider becoming a member.

2008 Date	Talk	Speaker	Moon Elongation and Phase
April 11	Catching Neutrinos	Gretchen Patti	81°E – First Quarter
Club member Gretchen Patti describes experiments that observe the elusive neutrinos produced by supernova explosions, cosmic rays, and our own Sun.			
May 9	Stellar Reports	TBA	64°E – First Quarter
Three club members give brief presentations on topics of interest.			
June 13	Saturn Update	Jim Kovac John Vittallo	130°E – First Quarter
July 11	Summer Skies	Terry Witt	112°E – First Quarter
August 8	TBA	Dale Dellutri	93°E – First Quarter

FRIDAY – MARCH 14, 2008 -- 8 PM
RYERSON NATURE CENTER / THE WELCOME CENTER
21950 RIVERWOODS RD, DEERFIELD
42° 10' 55" N, 87° 54' 56" W



Go to AstroHobby.com for an explanation of the solar system ephemeris table.

Universal Time (UTC): Saturday 2008-03-15 03:00:00

UTC Adjustment (Time - UTC): -05:00

Date, Time: Friday 2008-03-14 22:00:00

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

Julian Day: 2454540.62500000 (+76.6s = Dynamical time)

Local Sidereal Time: 08h 42.0m

Moon Phase: First Quarter +8°

Object	-----J2000.0----- RA	Dec	----Horizon--- Azimuth	Alt	---Ecliptical-- Elong	Constel	Anglr Size	Illum
Sun	23h 40.9m	-02° 04'	123° WNW	-32°		Psc	32.2'	
Mercury	22h 11.5m	-13° 07'	140° NW	-54°	25° W	Aqr	6.0"	72%
Venus	22h 19.8m	-11° 36'	138° NW	-52°	22° W	Aqr	10.9"	93%
Mars	06h 16.1m	+25° 57'	73° WSW	+56°	99° E	Gem	8.0"	90%
Jupiter	19h 17.1m	-22° 11'	228° NE	-62°	67° W	Sgr	35.6"	
Saturn	10h 24.4m	+11° 57'	316° SE	+52°	159° E	Leo	19.8"	
Uranus	23h 20.3m	-05° 04'	125° NW	-38°	6° W	Aqr	3.3"	
Neptune	21h 41.0m	-14° 11'	151° NNW	-58°	32° W	Cap	2.2"	
Pluto	18h 03.9m	-17° 05'	245° ENE	-47°	84° W	Sgr	0.1"	
Moon	06h 14.2m	+27° 17'	75° WSW	+57°	98° E	Gem	32.5'	57%