

<http://www.SkokieValleyAstronomers.org>

The next meeting will be on Friday, **May 9, 2008**, at 8PM, at the Ryerson Nature Center. Three club members will present “**Stellar Reports**”:

- Frances Dellutri** **Interplanetary Travel Designs by Middle-School Students**
- Joe Ulowetz** **Finding Asteroids**
- Penni Isaacson** **International Dark Sky Association**

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
June 13	Cassini-Huygens at Saturn	Jim Kovac John Vittallo	130°E – First Quarter

Club members and Solar System Ambassadors Jim Kovac and John Vittallo will show some glorious pictures and present new discoveries at the ringed planet.

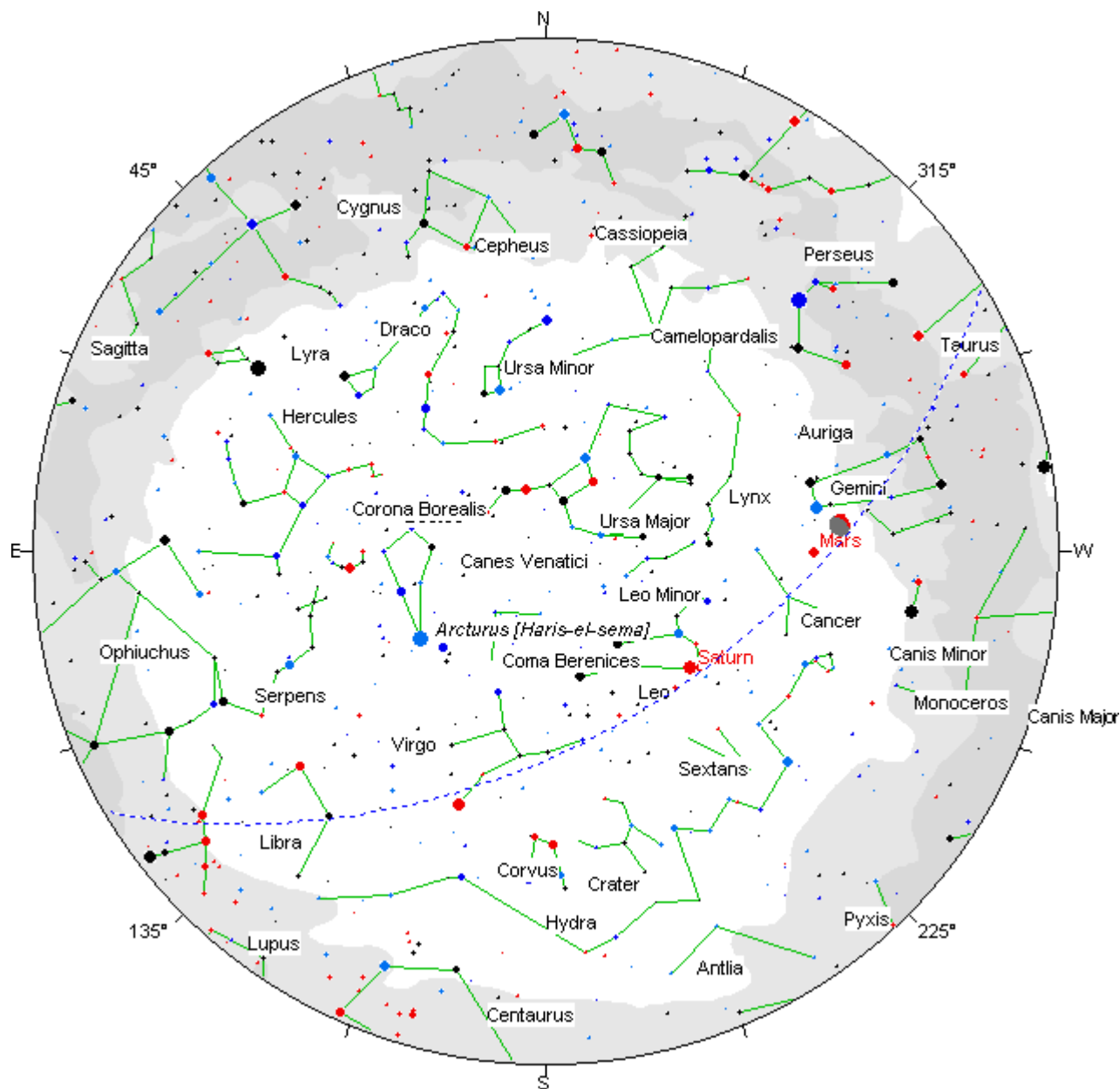
July 11	Summer Skies	Terry Witt	112°E – First Quarter
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Club member Terry Witt will give a slide show and talk presenting the events and constellations of the summer season.

August 8	Update on Apophis	Dale Dellutri	93°E – First Quarter
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Club member Dale Dellutri will present the results of a contest to track the Earth-crossing, potentially dangerous asteroid Apophis.

FRIDAY – MAY 9, 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 2008-05-10 03:00:00

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

Date, Time: Friday 2008-05-09 22:00:00

Longitude: West 87.91556° = 87° 54' 56"

Latitude: North 42.18194° = 42° 10' 55"

Julian Day: 2454596.62500000 (+76.8s = Dynamical time)

Local Sidereal Time: 12h 22.8m

Moon Phase: First Quarter -26°

Object	-----J2000.0----- RA	Dec	----Horizon--- Azimuth	Alt	---Ecliptical--- Elong	Constel	Anglr Size	Illum
Sun	03h 09.1m	+17° 39'	138° NW	-18°		Ari	31.7'	
Mercury	04h 35.3m	+24° 32'	126° NW	+0°	21° E	Tau	7.3"	48%
Venus	02h 38.2m	+14° 20'	143° NW	-24°	8° W	Ari	9.8"	99%
Mars	08h 10.4m	+21° 50'	89° W	+34°	70° E	Cnc	5.5"	91%
Jupiter	19h 36.1m	-21° 38'	275° E	-27°	117° W	Sgr	42.3"	
Saturn	10h 17.1m	+12° 34'	52° SW	+50°	102° E	Leo	18.3"	
Uranus	23h 30.5m	-04° 00'	200° NNE	-49°	58° W	Psc	3.4"	
Neptune	21h 45.9m	-13° 48'	242° ENE	-45°	86° W	Cap	2.2"	
Pluto	18h 02.8m	-17° 01'	286° ESE	-7°	139° W	Sgr	0.1"	
Moon	07h 42.2m	+23° 14'	95° W	+30°	64° E	Gem	32.5'	28%