

Due to technical difficulties there was no formal Jan 2012 newsletter  
The following appeared in its place

## **Friday Jan 6 - Astronomy Club Meeting 7:00 PM – TCC NE Campus**

TCC NE Campus - 3727 E Apache St - Room 1603 – in Bldg # 2 Student Union [Directions](#)

Ancient Khmer Solar Calendar - **Sansonthi Boonyothayan**, former government official in Thailand's Ministry of Agriculture, will give a lecture based on his research in Archaeoastronomy focusing on the ancient Khmer solar calendar. The solar calendar is actually an ancient temple located on a mountaintop 500 meters above sea level in Sakon Nakhon Province Thailand. In 1991 he found that this temple is aligned to face equinox with many astronomical signs marked on the sandstone floor and walls.

### **Telescope workshop 101 - Sat Jan. 7 and Sun Jan. 8 from 3:00 to 5:00 PM**

So you got a telescope for Christmas, now what? Tulsa Air & Space Museum (TASM) is here to help! Bring your telescopes to the planetarium on Saturday, January 7 or Sunday, January 8 from 3-5 pm. Volunteers from TASM and the Tulsa Astronomy Club will be available for hands-on instruction and help spark the astronomy bug for this fun and exciting hobby. This is a Telescope 101 class for first time users and those who need to be reacquainted with the scope that's been hiding in the closet. Call 918.834.9900 x116 to enroll. Details at <http://www.tulsaairandspacemuseum.org/index.php> If any of our experienced club members are available to help please contact Ann Bruun or John Land

### **2012 has arrived and is starting off with a flourish of activity**

**Tonight Tuesday Jan 3** Look for bright Jupiter about 10 degrees to the Right of the Moon  
Jan 13 & 14 the moon will be near Mars as it rises around 10:30 PM

**Early Weds Morning Jan 4<sup>th</sup> Quadrantid Meteor shower** more details at [www.SpaceWeather.com](http://www.SpaceWeather.com)

**LIVE METEOR FEEDS:** NASA's Meteoroid Environment Office is broadcasting live video from a sensitive wide-field meteor camera at the Marshall Space Flight Center. [Tune in here](#). It's a cozy way to watch the Quadrantids on a cold January night. The shower is expected to peak around 07:20 UT ( 1:20 am CST) on Wednesday morning, Jan. 4th. (Check out the [live meteor radar](#), too.)

**QUADRANTID METEOR SHOWER:** Earth is about to pass through a stream of debris from 2003 EH1, a comet fragment that produces the annual see map at [Quadrantid meteor shower](#). Forecasters expect the shower to peak around 07:20 UT (01:20 am CST) on Wednesday morning, January 4th. At maximum, as many as 100 meteors/hour could emerge from a radiant near Polaris, the north star.

**Saturday Jan 7<sup>th</sup> - 6:00 PM to 9:00 PM - Sidewalk Astronomy** on the east side of Bass Pro in Broken Arrow. Weather permitting a few telescopes will be set up for viewing the moon and planets. Anyone can stop by and enjoy the view. Contact Owen or Tamara Green to help.

<b>Event</b>	<b>Date</b>	<b>Program</b>	<b>Where</b>	<b>Time</b>
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January Meeting	1/6/2012	Club Meeting & Program	TCC NE Campus	7:00 PM
SideWalk Astronomy	1/7/2012	Public Observing	Bass Pro	6:00 PM
January Star Party	1/13/2012	Monthly Star Party	ACT Observatory	6:00 PM
January Star Party	1/20/2012	Members Night	ACT Observatory	6:00 PM
February Meeting	2/3/2012	Club Meeting & Program	TCC NE Campus	7:00 PM
SideWalk Astronomy	2/4/2012	Public Observing	Bass Pro	6:00 PM
February Star Party	2/10/2012	Monthly Star Party	ACT Observatory	6:00 PM