

## **West Jersey Astronomical Society**

### **Meeting Minutes for February 3, 2017**

people in attendance start 15:

At the Moorestown Virtua.

Meeting start time 7:55 PM

Officers present:

Pres: Roger Cowley

VP: Jim Fusco

Tres: Wade Evans

Secy: Bernie Kosher

New membership cards were passed out by Wade.

Jim F: Awaiting word from Park service and Coyle. Park usage will be limited to Atsion Lake, Atsion field and Batsto.

Star watch at VanSant falls on meeting night in March 3. A scheduled Batsto watch is March 25

Wade spoke on the budget. We are slowly improving with \$2100. Currently 18 members projecting to 40.

Jim F spoke of a small inexpensive doublet refractor and the shortcomings of USB as it has problems over eight feet.

Jim spoke of the Cart de Ciel freeware atlas with connection to scopes.

Roger brought up Kepler equations as applied to retrograde motion. He was attempting to analyze the motions graphically but it was too inaccurate. With six months of data the curves would not justify he found he had to use Keplers laws due to eccentric orbits. He has plotted the motions of Mercury Venus Mars Uranus..He measure the positions from photos/

Astrobin was brought up by . This is a site for astrophotos. Has a search engine for scope types.. A discussion of cooled cameras by Dave and others. Explained the Hyperstar.

Demoed searching on the site,.

Jim demoed SkyX atlas.

Pictures by Jim F. with new Takahashi lens.

Will there be a 50<sup>th</sup> anniversary banquet? Maybe. Also picnic location. Asking for members to help out with location and arrangements.

Ended about 9:30.