

Cape Cod Astronomical Society

Minutes of the June 12 , 014 meeting

Attendance: Total: 17    Members: 16    Guests 1

President Mike Hunter opened the meeting at 7:30 P.M. and welcomed members and guests. Mike brought members up to date regarding upcoming events including speakers and star parties. Mike brought along a 1960's Dynascope telescope that was donated to CCAS. It is for sale and all reasonable offers will be entertained.

The speaker for the evening was Dr. Bill Romanishin. For more information regarding Dr. Romanishin see following link

<https://www.nhn.ou.edu/people/romanishin>

His lecture focused on asteroids. Most of these objects are located in the vast space located between Mars and Jupiter. The size varies from very small to 1000 kilometers (size of Texas). There are at least one million objects larger than one kilometer. As with many scientific disciplines, there is a complicated convention for these objects. Dr. Romanishin has the honor of having an object named for him. 20361 is the formal designation. Because of the distance and size of the objects, they are difficult to observe from Earth.

Besides single asteroids, there are many binary asteroids. The first of these was discovered in 1993.

Recently, new technologies have made detection easier. Two such techniques are adaptive optics and radar astronomy,

Dr. Romanishin also spent time discussing the impact craters that are here on earth.

One great example is in Canada. See link for more info

[http://en.wikipedia.org/wiki/Clearwater\\_Lakes](http://en.wikipedia.org/wiki/Clearwater_Lakes)

We hope to see Dr. Romanishin next year for a follow up lecture.

The meeting was adjourned at 9:30 P.M.

Respectfully submitted,

Charles Burke