

## CADAS January 2019 meeting

A great start to a new year! Barry FitzGerald gave a talk intriguingly called “Lunar geology from the safety of your own home”. This was an excellent balance of (mainly) lunar satellite pictures of the lunar landscape and descriptions of the processes creating those features. He covered volcanism, impacts, floor uplift and fracturing, as well possible reasons for reported Transient Lunar Phenomena. A huge amount of information on what many of us (me included!) consider to be the annoying bright thing in the sky.

As if by arrangement, Bud had a number of very detailed images of the moon taken with his 11” reflector. These showed a number of the features covered by Barry in his talk and showed you don’t need a satellite to get some excellent images.

Arthur had Orion as his constellation of the month and covered the main deep-sky objects. Again, as if by arrangement, Peter followed this with his improved image of M78 – one of the main deep-sky objects in Orion. Terry had some images of some of the southern summer objects taken from Australia followed by a “hot off the press” image of asteroid 6478 Gault which has developed a debris tail (probably after an impact) and looks very much like a comet.

To round things off, Gordon showed some images of objects taken from COAA in November, culminating in Orion’s main deep-sky lollipop – M42.

Some housekeeping – Ron and Peter will be supporting Chard School on 12<sup>th</sup> February and Terry will respond to Ash Primary agreeing to support them with a stargazing evening and seeking possible dates. Lorna and Arthur distributed the CADAS and FAS calendars.

Next month’s meeting is on the 20<sup>th</sup> February and the talk will be given by Steve Hill on “Astrobiology”. In the meantime, there will be a total eclipse of the moon on the morning of 21<sup>st</sup> January between 03:33 and 06:50 (though the weather doesn’t look to be cooperating!).