



CASPER



Baylor University and CASPER present:

Mr. Richard (Dick) Campbell

Retired Aeronautical Engineer, President of the Central Texas Astronomical Society,
Operations Staff for Paul Meyer Observatory and CASPER Member

The Discovery of Amalthea's Moon

Abstract: An astronomical occultation visible from the Earth occurs when a solar system body, such as the Moon, a planet or an asteroid, passes in front of star. This event causes a shadow path across the surface the same as a solar eclipse. This shadow path can be timed by a team of observers. A surprising amount of science can be gained by properly recording these events. I will discuss the data collection techniques and the campaign to observe the first ever recorded occultation of a star by the asteroid 113 Amalthea. And as occasionally is the case with experimental science, serendipity occurs.

Bio: Mr. Richard Campbell is a retired Aeronautical Engineer active in amateur astronomy. Dick is currently the President of the Central Texas Astronomical Society, and one of the operations staff of the Paul Meyer Observatory. Prior to joining the Mechanical Engineering Department at Baylor University, Dick worked as an engineer and aviator in the U.S. Marine Corps and the aerospace industry. He retired from Baylor as a Senior Lecturer and Assistant Department Chair in 2017, and now pursues his astronomical interests full time.

Friday, November 16, 2018, 2:30 p.m.
Baylor Research & Innovation Collaborative (BRIC) Room 3160

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