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The Royal Astronomical Society of Canada
Edmonton Centre presents

FRED ESPENAK

MR. ECLIPSE

Predicting and Chasing Solar Eclipses

A total eclipse of the Sun is arguably the most spectacular astronomical phenomenon visible to the naked eye. What is it like to witness a total eclipse? How often do eclipses occur and where can they be seen? Fred Espenak has spent over four decades chasing eclipses around the world. He will share his experiences with us through photos and video, including some of his most recent expeditions to Libya and China. The next total eclipse through the USA occurs on August 21, 2017. Details of this exciting event will also be presented along with a preview of the next total eclipse in Canada on April 8, 2024.

FREE Public Talk

7:30 PM, Monday, June 9, 2014
Margaret Zeidler Star Theatre
TELUS World of Science, 11211 - 142 St.

About Fred Espenak

Fred Espenak is a retired NASA astrophysicist from NASA's Goddard Space Flight Center where he worked with infrared spectrometers to probe the atmospheres of the planets. He is also known as "Mr. Eclipse" because of his work on predicting and observing solar eclipses. He has written over a dozen books on eclipses and he continues to maintain NASA's official eclipse web site as well personal web sites on eclipse photography www.MrEclipse.com and astrophotography www.AstroPixels.com. Over the past 44 years Espenak has witnessed 25 total eclipses of the Sun. In 2003, the International Astronomical Union honored Espenak by naming asteroid 14120 after him. Espenak now lives in Portal, Arizona where he operates Bifrost Astronomical Observatory.



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