

# SEMINAR

**Wednesday, 19th October 2016**

**1 pm**

**Lecture Theatre M4, Museum Building, Trinity College Dublin**

**Dr Gordon Osinski,**

**University of Western Ontario**

Impacts are one of the most common geological landforms on the majority of rocky terrestrial planets, asteroids, and many of the rocky and icy moons of the inner and outer Solar System. It is also now apparent that impact events have profoundly affected the origin and evolution of Earth and producing benefits in the form of economic mineral and hydrocarbon deposits. The destructive geological, environmental, and biological effects of meteorite impact events are well known. In recent years, it has also become apparent that, impact events also have certain beneficial effects, particularly for microbial life. This may have important implications for our understanding of the origin and evolution of early life on Earth, and possibly other planets such as Mars.

## **The Role of Meteorite Impacts in the Origin and Evolution of Life**



**The event is free and all welcome**

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