



Emera Astronomy Center  
and M. F. Jordan Planetarium

## Meteorites and the Origin of the Solar System

Thursday, April 6 at 7:00 pm

In April, 2016 a very bright fireball was observed over Maine most likely resulting in a meteorite fall north of Bethel. Unfortunately, the meteorite was never found, despite considerable effort to locate it. Meteorites contain material from the birth of our Solar System and are used to understand how and when it formed. These meteorites aid us in finding out which types of stars delivered material to our Solar System. The latest generation of astronomical telescopes can observe new Solar System forming today and based on the information from the meteorites we hope to find new Solar Systems that resemble our own. Meteorites bring us closer to understanding the origin of life on our own planet and answering two of the most important questions of all times: Why are we here? Are we alone? There will be an opportunity to see a selection of spectacular meteorites – the rocks that document the birth and early evolution of our Solar System.



Henning Haack received his PhD in Geophysics from the University of Copenhagen, and did postdoc work at the Planetary Geosciences division at the University of Hawaii and at the Institute of Physics in Odense. He has served as an Associate Research Professor at the Danish Center for Remote Sensing and curator for the Geological Museum at the University of Copenhagen. He has searched for meteorites in numerous locations including the Antarctica, Cape York, and the blue ice fields in Greenland. He has received a number of honors including the University of Copenhagen's Gold Medal, The United States Congress Antarctic Service Medal, and has an asteroid named in his honor (Asteroid 7005 –Henninghaack). He currently is an Associate Researcher at the Maine Mineral and Gem Museum in Bethel and teaches at ScienceTalents in Denmark.

Tickets are available online at <http://astro.umaine.edu>, by calling 581-1341, or at the box office.

