

# GEOPHYSICS OF PLUTO AND CHARON

The New Horizons mission revealed that Pluto and Charon are unexpectedly complex worlds. In this talk I will discuss how shape and density measurements, observations of surface features and simple geophysical models can be combined to derive constraints on the internal structures, origin and subsequent evolution of the two bodies. I will focus in particular on the possibility of present-day or ancient subsurface oceans on these worlds, and implications for other Kuiper Belt objects.



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**4 PM WEDNESDAY**

**February 22, 2017**  
**Room 54-915**

FOR MORE DETAILS ON THIS AND OTHER LECTURES:  
<http://eapsweb.mit.edu/events/all>

*Pre-Lecture Reception, 3:45 PM*  
All are welcome to attend.