

**Location** : VIRTUAL Meeting. April 27<sup>th</sup> , 5:00-6:00 PM

**Register at** : <https://airandspace.si.edu/events/sampling-asteroid-understand-birth-our-planet>

**Be sure to register prior to the meeting.**

Follow the instructions. Speaker will be live. You will be able ask questions.

**Agenda**: 5:00 PM-6:00 PM Presentation

## **Sampling an Asteroid to Understand the Birth of Our Planet**

Dr. Tim McCoy

*Smithsonian Air & Space Museum*



### **Abstract**

Discover how we sampled an asteroid — and what we hope to learn when the samples return to Earth

This Exploring Space lecture will be presented live on YouTube. Don't miss the program! Sign up to get a reminder.

Last year, NASA's OSIRIS-REx mission accomplished something not done in nearly 50 years by a U.S. space mission — sampling the surface of another planetary body for return to Earth. In this talk, you'll hear about the 15 year odyssey of proposing, building, and launching OSIRIS-REx, leading up to a year-long orbital mission and the moment OSIRIS-REx sampled the surface of asteroid Bennu. As we wait for the return of these samples in 2023, you'll hear from Smithsonian geologist Tim McCoy about how these samples may hold the key to understanding the formation of Earth, providing the raw materials for life and oceans.

This program will be presented with live closed captioning.