

Title: "How well can we link meteorites to asteroids"

Abstract:

Asteroids are the remaining planetesimals that helped form the terrestrial and Jovian planets. Asteroids, which are the parent bodies of almost all meteorites, are almost entirely observed remotely using Earth- and space-based telescopes with only a few bodies studied up close by spacecraft missions. The chemical and isotopic compositions of meteorites can be determined with high precision in laboratories on Earth; however, remote observations of asteroids give geochemical information. In this seminar asteroid-meteorite relationship will be discussed.