

Operation and
Scientific Results from the
AMPERE Project

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Abstract:

The Active Magnetosphere and Planetary Electrodynamics Response Experiment (AMPERE) completed the technical development phase in May of 2013, and the initial version of data products have found application to a range of studies in magnetosphere, ionosphere, and thermosphere science. Using data from the 66-satellite Iridium constellation of satellites AMPERE provides unprecedented observations of the global Birkeland currents that flow between the ionosphere and magnetosphere, conveying stress between low and high altitudes, and reflecting the dynamics of the entire system.

3:00 pm

Refreshments
CAS Room 500

3:30 pm

Seminar
CAS Room 502

Next Week

- Elizabeth MacDonald
*NASA's Goddard Space
Flight Center*
- HOPE measurements on
Van Allen probes

