

THEMIS SWT: Saturday, Dec 10, at Sir Francis Drake Hotel, San Francisco

8:30-8:50 THEMIS/ARTEMIS (Goodrich, Sibeck, Angelopoulos)

8:50-9:10 Constellation Status, Plans for Future (Cosgrove)

9:10-9:20 Tail Season 5 Overview (S. Frey)

9:20-10:30 AM Instrument and data product status

9:20-9:30 FGM (Lasse Clausen)

9:30-9:40 SCM (LeContel\_by\_Retino)

9:40-09:50 EFI (Bonnell)

09:50-10:00 ESA (McFadden)

10:00-10:10 SST (Larson\_by\_Turner)

Break

10:20-10:25: A Simple Method for Correcting Spacecraft Spin Rate in Eclipse (Jianbao Tao)

10:25-10:30: THEMIS eclipse spin-period models: theory and TDAS implementation (Ferdinand Plaschke)

10:30-10:40 Ground Arrays (Mende)

10:40-10:50: EPO (Peticolas and Ali)

10:50-11:00: Status of Cluster mission (Matt Taylor)

11:00- 11:10: Lunar Solar Origins Exploration (LunaSOX) Project: Data Browse Service for Artemis and Other Lunar Mission Data

11:10-11:15: Tu (LASP) radiation belt

11:15-12:00 RBSP collaborations

Lunch (12:00-1:30)

01:30-05:00 Science 5 min presentations

**Lunar Wake:**

Jasper Halekas - Plume formed by pickup of protons reflected from lunar crustal magnetic anomalies

Andrew Poppe - ARTEMIS Observations of Non-monotonic Potentials above the Moon

William Ames - A Statistical Study of the Lunar Plasma Wake

Hui Zhang (UCLA)

**Auroral and tail science:**

Liu Jiang Magnetotail..

Guiping Liu - Comparison of electric field between THEMIS satellites and their ionospheric conjugate points

Eric Donovan - In situ identifications of the ion isotropy boundary

Feifei Jiang - In-situ and FAST observation of the preexisting auroral arc

Stefan Kiehas - ARTEMIS plasmoid observations in the magnetotail

Tony Lui - Temporal variation of cross-tail current during near-Earth dipolarization

Xuzhi Zhou - Dipolarization fronts in the magnetotail: their interactions with ions

Andrei Runov - Multi-point observations of magnetotail reconnection and dipolarization fronts

Mark Wilber - Initial survey of electron scale magnetic depletions in Earth's tail

Tim Stubbs - Statistical Survey of the Magnetotail

**Magnetopause:**

Flavia R. Cardoso - Time-Dependent Reconnection on the Dayside Magnetopause

Ferdinand Plaschke - Standing Kruskal-Schwarzschild-modes at the magnetopause  
Ferdinand Plaschke - Multi-spacecraft analysis of quasi-periodic LLBL waves  
Sunhee Lee - Magnetic reconnection at the magnetopause  
Michael Hartinger - Magnetospheric ULF waves driven by transient foreshock phenomena  
Pu...Magnetopause

**Solar wind:**

Chris Chen - ARTEMIS Measurements of Solar Wind Turbulence  
Megan Cartwright - Solar wind current sheet compression through the bow shock  
Christina Chu - Hot Flow Anomalies  
Hui Zhang (UAF) - Hot Flow Anomalies & Foreshock Cavities  
Hui Zhang (UAF) - Magnetospheric Response to an Interplanetary Shock  
Mitsuo Oka - ARTEMIS observations of future interplanetary shocks/CMEs