

THEMIS-ARTEMIS Post AGU SWT Meeting Dec 14 2024

Time	LNAME	FNAME	Institution	Title
8:30 - 8:45	Angelopoulos	Vassilis	UCLA	Welcome, introduction
8:45 - 9:00	Esther	Elizabeth	NASA	NASA HQ Status
9:00 - 9:15	Angelopoulos	Vassilis	UCLA	THEMIS/ARTEMIS Mission Status & Future Plans
9:15 - 9:20	Angelopoulos	Vassilis	UCLA	SPEDAS & pySPEDAS
9:20 - 9:30	Drozhdov	Alexander	UCLA EPSS	Radiation Belts Analysis and Modeling Library in Python - rbamlib
9:30 - 9:35	Marchese	Jeff	UCB	THEMIS/ARTEMIS Orbits
9:35 - 9:40	Thorsness	Jeremy	UCB	Operations
9:40 - 9:45	Poppelworth	Adrian	TUB	FGM Status
9:45 - 10:00	Donovan	Eric	U. Calgary	THEMIS-ASI, TREX, and SMILE-ASI update
10:00 - 10:15	Escoubet	Philippe	ESA	Cluster/SMILE update
10:15-10:30	Break			
10:30	Science Nuggets			
	Nishimura	Toshi	BU	Fine-Scale Flow Structures During Storms
	Ledvina	Vincent	UAF/Aerospace	Statistical Properties of Auroral Beads
	Zhang	Kun	UCLA EPSS	Nightside electron precipitation patterns as observed by ELFIN and CIRBE CubeSats
	Shen	Yangyang	UCLA EPSS	magnetospheric control of ionospheric TEC perturbations via whistler-mode and ULF waves
	Gabrielse	Christine	Aerospace Corp	Auroral Energy Deposition and Conductance During the 2013 St. Patrick's Day Storm: Meso-Scale Contributions
	Hartinger	Michael	SSI UCLA	Recent ULF Wave Studies and HARP
	Bashir	Fraz	UCLA EPSS	ULF-driven plasma waves in the inner magnetosphere: insights from THEMIS observations
	Kim	Myeong-Joon	BU	Statistical Analysis of Relationship between Low-Energy Plasma and the Linear Instability of Whistler-Mode Chorus Waves
	Liu	Terry	UCLA EPSS	Near-Earth Reconnection Powering Recovery Phase of Geomagnetic Storm
12:00	Lunch			
1:30	Science Nuggets			
	Lindberg	Martin	QMUL	Statistical Study of Magnetic Overshoots at Heliospheric Collisionless Shocks
	Sadeghzadeh	Sina	Rice Univ.	RCM-I simulation of the 5 November 2023 geomagnetic storm
	Zhang	Xu	UCLA EPSS	Resonant Scattering of SubkeV Electrons by Beam-driven Electron Cyclotron Harmonic Waves
	Beyene	Fik	Aerospace Corp	Earthward-tailward asymmetry of plasma temperature in reconnection outflow in Earth's magnetotail
	Lin	Mei-Yun	UCB	Regulating the Lunar Plasma Contributions to the Terrestrial Environment
	Oieroset	Marit	UCB SSL	Properties of Earthward and Tailward Reconnection Jets in Earth's Distant Magnetotail: Implications for Single versus Multiple X-lines
	An	Xin	UCLA EPSS	Plasma expansion into the lunar wake
	Liuzzo	Lucas	UCB SSL	Observations of Solar Energetic Electrons at the Moon and Extended Shadowing while in the Magnetotail
	Prasad	Abhinav	BU	Statistical Survey of Whistler-Mode Waves in Lunar Plasma Environment: 11 Years of ARTEMIS Observations
	Kamaletdinov	Sergei	UCLA EPSS	Ion Kinetics in Thin Current Sheets at Lunar Distances
3:00-3:15	Break			
3:15	Science Nuggets			
	Heal	Atlas	UCB	ARTEMIS observations of ion and electron bulk heating scaling in distant magnetotail reconnection exhausts
	Runov	Andrei	UCLA EPSS	Observations of 100s keV Electron Flux Bursts at the Storm-time Lunar-distant Magnetotail
	Poppe	Andrew	UCB SSL	A survey of ARTEMIS observations of electron cyclotron harmonics in cis-lunar space
	Sawyer	Rhyan	U. Iowa	An Investigation of Field-Aligned Current Systems near Lunar Crustal Magnetic Fields
	Szabo	Paul	UCB SSL	Combining IBEX and ARTEMIS Observations to Study H Scattering from the Lunar Surface
	Lee	Sun-Hee	CUA/NASA	Distributions of Solar Wind Discontinuity Normals
	Grimmich	Niklas	TUBS	Influence of the Solar Wind and the Foreshock on the Occurrence of Magnetopause Model Deviations
	Sibeck	David	NASA GSFC	Simulating the impact of a foreshock transient on the magnetosphere
	Sabbas	Elijah	NASA GSFC, CUA	Sunward Flows in the Dayside Magnetosheath-Magnetosphere
	Zhou	Ruoxian	UT Dallas	Statistical Distribution of EMIC Waves: Observations from THEMIS in 2016–2022
	Wrap-up			