

Dear THEMISers, ARTEMISers, and friends,

Below please find the agenda for the Post-AGU THEMIS/ARTEMIS SWT. Please prepare short presentations: Three slides (5 minutes) for Science presentations and very brief instrument, EPO and mission status. If your talk is missing please let Emmanuel (emasongsong@igpp.ucla.edu) and Tai (phan@ssl.berkeley.edu) know.

See you in New Orleans,

Emmanuel Masongsong, Tai Phan, Vassilis Angelopoulos, David Sibeck

Location: Hilton Garden Inn - Convention Center, New Orleans, LA. *Gardenia Room*. It is 1 block west of the AGU meeting site.

THEMIS/ARTEMIS SWT: Saturday, Dec 16, 2017

Part 1: Status of missions/Instruments/EPO

8:30-8:35: Intro

8:35-8:45: News and Views from NASA HQ

8:45-9:05: Themis/Artemis overview and future plans (Angelopoulos, Sibeck)

9:05-9:15: Outlook of THEMIS orbits

9:15-9:20: FGM

9:20-9:25: SCM

9:25-9:30: EFI

9:30-9:35: ESA

9:35-9:40: SST

9:40-9:45: THEMIS GBO

9:45-9:55: THEMIS-ARTEMIS Education/Public Outreach (Masongsong)

9:55-10:10: CLUSTER status update (Masson)

Break (10:10-10:25)

Part 2: Science 5-min presentations

Dayside and Lunar Science: (5-min presentations)

Poppe, Andrew: Formation timescales of amorphous rims on lunar grains derived from ARTEMIS

Zhou, Xiaoyan: Comparison of 3D Hybrid and MHD simulations for the lunar wake

Shi, Quanqi: ARTEMIS observation of the moon plasma environment and its impact on lunar surface

Lee, Sun: Particle Acceleration in a Hot Flow Anomaly

Liu, Terry: Particle acceleration in the core of foreshock transients

Hietala, Heli: Observations of a Magnetosheath High-Speed Jet Triggering Magnetopause Reconnection

Sibeck, David: Imaging the Magnetosphere in Soft X-rays

Artemyev, Anton: MAVEN/ARTEMIS observations of transient currents in solar wind

Adams, Danica: Influence of Magnetic Topology on Mars' Ionospheric Structure

Farinas Perez, German: Generation mechanism for interlinked flux tubes on the magnetopause

Lunch (12:10-13:30)

Auroral, Inner Magnetosphere, and Tail Science: (5-min presentations)

Bhanu, Remya: Substorm ion injection triggered EMIC waves

Li, Xinlin: On the relationship between electron flux oscillations and ULF wave-driven radial transport

Gabrielse, Christine: Injection Propagation: A View from Space and the Ground

Lu, San: Formation of dawn-dusk asymmetry in magnetotail thin current sheet: A 3-D PIC simulation

Donovan, Eric: Source Region for Pulsating Aurora

Liu, Jiang: Flow Shears at the Poleward Boundary of Omega Bands Observed during Conjunctions of SWARM and THEMIS-ASI

Hartering, Michael: Characterizing MHD fast mode wave properties

Bhaskar, Ankush: Magnetospheric Particle and Field Response to a Fast Reverse Shock

Medeiros, Claudia: Using a neural network approach to classify particle pitch angle distributions

Pakhotin, Ivan: Diagnosing Pedersen conductivity dynamics with conjugate Swarm and THEMIS ASI observations

Aryan, Homayon: Distribution of Chorus and Plasmaspheric Hiss in the inner magnetosphere