Dear THEMISers, ARTEMISers, and friends,

Below please find the agenda for the Post-AGU THEMIS/ARTEMIS SWT. Please prepare short presentations: 3 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 S.F.,

Emmanuel Masongsong, Tai Phan, Vassilis Angelopoulos, David Sibeck

Location:
SF State University Downtown Campus (next to Walgreens on Market St.)
835 Market St, 6th Floor

THEMIS/ARTEMIS SWT: Saturday, Dec 14, 2019

Part 1: Status of missions/Instruments/EPO
8:30-8:40: Intro (Vassilis)
8:40-8:55: HQ on the Gateway Science (J. Spann)
8:55-9:10: Themis/Artemis mission status and future plans (Angelopoulos, Sibeck)
9:10-9:20: SPEDAS and pySPEDAS (Jim Lewis)
9:20-9:30: THEMIS Future Orbits (S. Frey)
9:30-9:35: FGM (K.-H. Glassmeier)
9:35-9:40: SCM
9:40-9:45: EFI
9:45-9:50: ESA
9:50-9:55: SST
9:55-10:00: Status of GBO (E. Donovan)
10:00-10:05: Status of TREx (E. Donovan)
10:05-10:10: THEMIS-ARTEMIS Education/Public Outreach (E. Masongsong)
10:10-10:15: Cluster status and coordination with THEMIS and MMS (P. Escoubet)
10:15-10:20: Status of the Spherical Elementary Current Systems Data Set (J. Weygand)
10:20-10:25: The DTU Magnetometer Program and the MAG-SWE-DAN Project (T. Edwards)

Break (10:25-10:40)

Part 2: Science 5-min presentations

Dayside and Lunar Science: (5-min presentations)

Michael Hartinger	Statistical relationship between ULF wave power and magnetopause location
Xiaojia Zhang	ULF and periodic VLF waves induced by magnetopause dynamics
Laura Vuorinen	Magnetosheath jets and their effects under different IMF orientations
Heli Hietala	Magnetosheath Jets: Global 3D hybrid simulations
Andrew Poppe	ARTEMIS observations of electromagnetically induced fields from the lunar interior
Shaosui Xu	Reflected protons in the lunar wake and their effects on wake potentials
Xiaoyan Zhou	Escaping energetic ions and interplanetary shock criticality
Anton Artemyev	Ion nongyrotropy in solar wind discontinuities
Dmitri Vainchtein	Solar wind transient currents: statistical properties and impact on Earth's magnetosphere
Li-Jen Chen	Kinetic modeling of extreme solar driving for planet Earth and its Moon: first grounding reality from a storm

Lunch (12:20-13:20)

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

Jimmy Raeder	Connection between BBFs and Auroral Streamers
Xu Zhang	Energy transport by whistler waves around dipolarizing flux bundles
Christine Gabrielse	Using Van Allen Probes and THEMIS as a Daily Radiation Belt Monitor
Christine Gabrielse	Energy Flux and Conductance from Meso-Scale Auroral Features: Utilizing THEMIS ASIs for 2D Analysis
Quanqi Shi	Solar wind dynamic pressure change and the possible aurora response
Colin Wilkins	Initial Survey of Energetic Particle Fluxes Measured by the ELFIN Spacecraft
Kun Zhang	Electron precipitation as measured by LEO satellites
San Lu	Energetic electron acceleration by ion-scale magnetic islands in turbulent magnetic reconnection: Particle-in-cell simulations and ARTEMIS observations
Jinxing Li	Statistics of substorm and non-substorm fast flows: Themis observations
Steven Xu	Statistics of Current Sheets at Lunar Distance