

GEM Mini-Workshop on December 14th, 2014
Westin San Francisco Market Street
50 Third St., San Francisco

Last updated: October 13, 2014

Time	Cornell Room	Franciscan I Room	Franciscan II Room	Commonwealth Room	City Room	Stanford Room
09:00-12:00 PM					ULTIMA Forum on ground-based magnetometers	
12:00-01:50 PM	Metrics and Validation	The Ionospheric Source of Magnetospheric Plasma - Measuring, Modeling and Merging into the GEM GGCM	Inner Magnetosphere Cross-Energy / Population Interactions	Geospace Systems Science	Scientific Magnetic Mapping and Techniques	Magnetic Reconnection in the Magnetosphere
01:50-02:20 PM	Coffee Break					
02:20-04:10 PM	GEM-CEDAR: 1) Modeling Challenges in auro-ral region	Storm-Time Inner Magnetosphere-Ionosphere Convection	Quantitative Assessment of Radiation Belt Modeling	Tail-Inner Magnetosphere Interactions	Transient Phenomena at the Magnetopause and Bow Shock and Their Ground Signatures	THEMIS-MMS/HSO planning
04:10-04:20 PM	Break					
04:20-06:10 PM	GEM-CEDAR: 2) Modeling Challenges in TEC and neutral densities	New Focus Group Proposals - GEM Steering Committee	Special Van Allen Probes session		ULTIMA Forum on ground-based magnetometers	THEMIS training sessions TDAS and SPEDAS
06:30-09:30 PM	Steering Committee Dinner at Commonwealth Room					

Note:

Coffee break is from 01:50 to 02:20 PM only.

Registration is free. You make your own nametag when signing in. Registration desk is on the third floor.

Details of Breakout Sessions

Research Area	Focus Group	Conveners	Session	Time	Room	Descriptions
GSM	Metrics and Validation	T. Guild, L. Rastaetter, and H. Singer	1	12:00-01:50 PM	Cornell Room	Tentative Agenda: 1) Magnetopause position challenge and effects of near-Earth boundary conditions. 2) ULF wave modeling (joint with QARM).
GSM	The Ionospheric Source of Magnetospheric Plasma - Measuring, Modeling and Merging into the GEM GGCM	R. Schunk, R. Chappell, and D. Welling	1	12:00-01:50 PM	Franciscan I Room	This session is dedicated to the group data-model comparison efforts of the OutflowMMM focus group. It will be dedicated to short presentations outlining research progress and discussion of research plans leading to the GEM Summer Workshop.
MIC	Scientific Magnetic Mapping & Techniques	E. Donovan, E. MacDonald, and R. Millan	1	02:20-04:10 PM	Franciscan II Room	
MPS	Tail-Inner Magnetosphere Interactions	Pontus Brandt, John Lyon, and Frank Toffoletto	1	12:00-12:50 PM	City Room	
SWMI	Transient Phenomena at the Magnetopause and Bow Shock and Their Ground Signatures	Hui Zhang, Q.-G. Zong, Michael Ruohoniemi, and David Murr	1	02:20-04:10 PM	City Room	
GSM	Magnetic Reconnection in the Magnetosphere	Paul Cassak, Andrei Runov, and Homa Karimabadi	1	12:00-01:50 PM	Stanford Room	Tentative Agenda: (1) open discussion on spontaneous or driven reconnection in the magnetotail (50 min) and open discussion on dayside reconnection (50 min)
IMAG /MIC	Storm-Time Inner Magnetosphere-Ionosphere Convection	Joseph Baker, Michael Ruohoniemi, Stanislav Sazykin, Peter Chi, and Mark Engebretson	1	02:20-04:10 PM	Franciscan I Room	
GSM	Geospace System Science	Joe Borovsky, Bill Lotko, Vadim Uritsky, Juan Valdivia	1	12:00-01:50 PM	Commonwealth Room	
IMS	Inner Magnetosphere Cross-Energy/Population Interactions	Yiqun Yu, Colby Lemon, Michael Liemohn, Jichun Zhang	1	12:00-01:50 PM	Franciscan II Room	

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IMAG	Quantitative Assessment of Radiation Belt Modeling	Jay Albert, Wen Li, Steve Morley, Weichao Tu	1	02:20-04:10 PM	Franciscan II Room	In this session, we will solicit short presentations on the radiation belt modeling and its quantitative assessment, as well as planning for the “RB dropout” and “RB buildup” Challenges.
Special Session	Special Van Allen Probe Session	Sasha Ukhorskiy	1	04:20-06:10 PM	Franciscan II Room	This is a special Van Allen Probes session, which should be of interest to the entire GEM community especially considering the upcoming MMS mission.
Special Session	GEM-ULTIMA Forum on ground-based magnetometers	Peter Chi	2-1	09:00-12:00 PM	City Room	Election of ULTIMA members; Status reports of magnetometer arrays.
			2-2	04:20-06:10 PM	City Room	
Training Session	THEMIS training sessions TDAS and SPEDAS	Jim Lewis	1	04:20-06:10 PM	Stanford Room	1) SPEDAS user tutorial: how to get started using SPEDAS to analyze data, demos of new features, Q&A for installation issues or other troubleshooting or how-tos. 2) SPEDAS plugin developers workshop: capabilities of current set of plugins, framework development roadmap, how to make a new plugin, open discussion with plugin developers and SPEDAS core developers.
Special Session	GEM-CEDAR sessions	Masha Kuznetsova	2-1	02:20-04:10 PM	Cornell Room	The 1st session will focus on Modeling Challenges in auroral region.
			2-2	04:20-06:10 PM	Cornell Room	The second session will be on challenges in modeling TEC and
Special Session	THEMIS-MMS/HSO planning	Vassilis Angelopoulos	1	02:20-04:10PM	Stanford Room	The MMS-THEMIS coordination group would like to request a room to discuss with the community the upcoming plans for an optimized Heliophysics observatory including ground assets coordination.



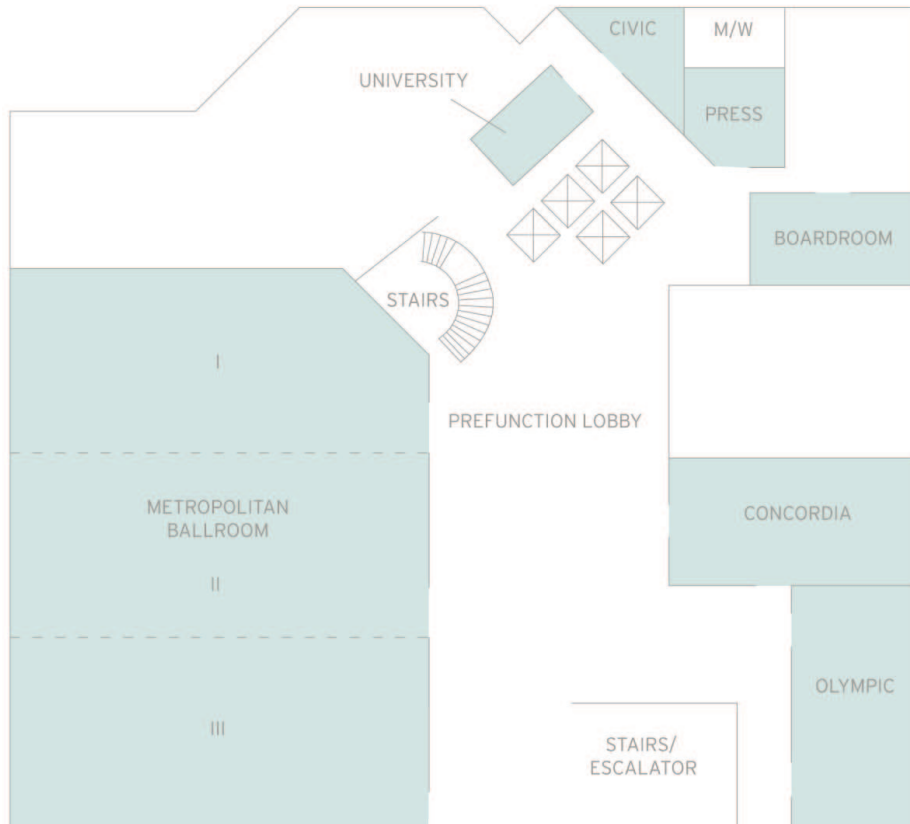
THE WESTIN

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SECOND FLOOR



Meeting Rooms

THIRD FLOOR

