



GEM

Geospace Environment Modeling

2023 mini-GEM Workshop

San Francisco

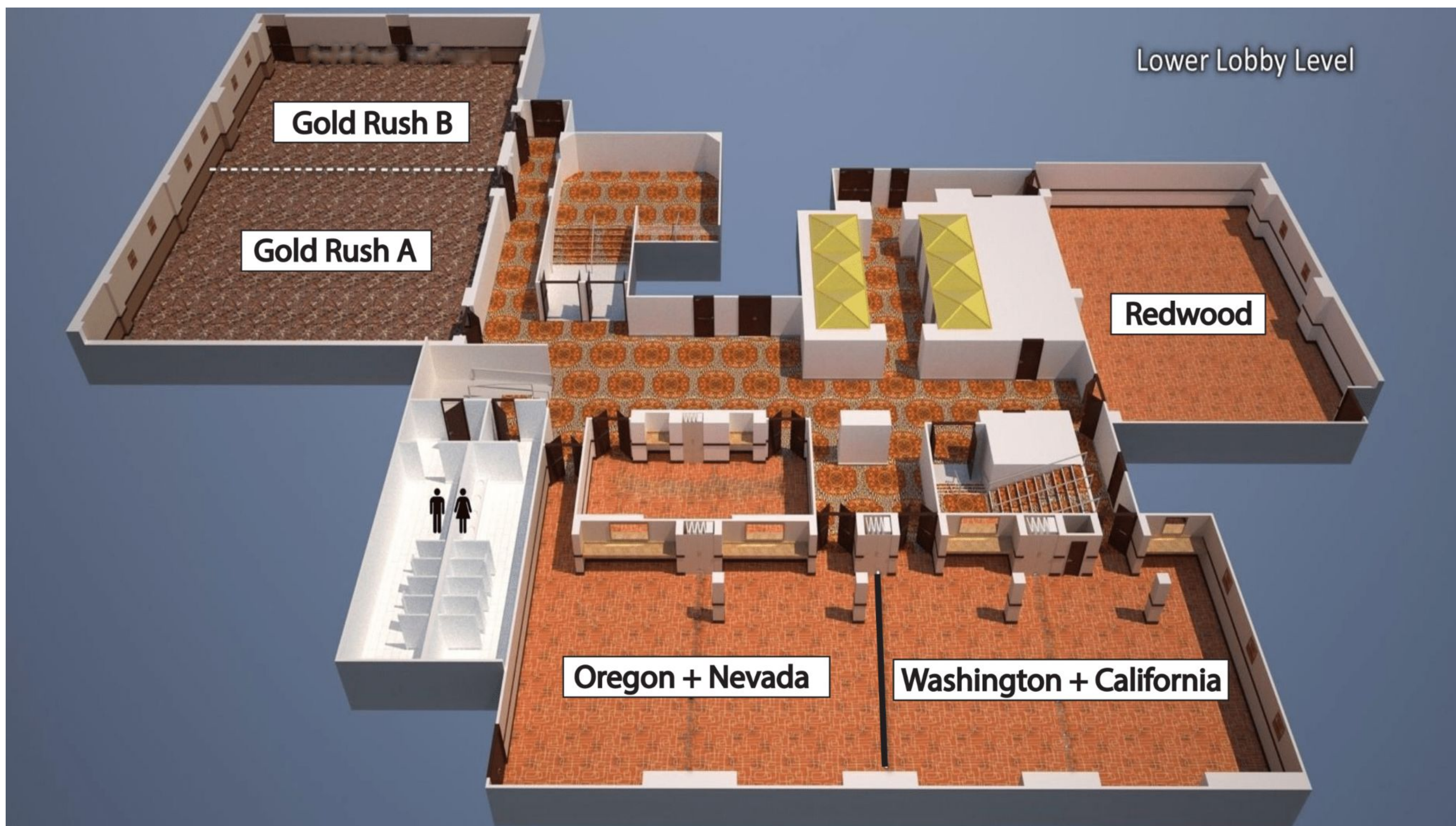
December 10



NSF-Sponsored Conference

12/10/2023 Mini-GEM Schedule

Pacific Time	Gold Rush A	Gold Rush B	Oregon Room + Nevada Room	Washington Room + California Room	Redwood
11:00 - 12:00	Student Town Hall		PySPEDAS		
12:00 - 13:30	MPEC	MMV	MESO	COMP	
Coffee Break					
13:45 - 15:15	GIC	MMV	MESO	COMP	CP
Coffee Break					
15:30 - 17:00	GMAG-GIC	SCIMM	RB	BSH	MESO/CGS
17:15 - 18:45	New Focus Group proposal presentations				
19:00 - 21:00	SC Meeting (Washington Room + California Room)				



GEM workshop 2023 home page:
<https://gemworkshop.org/>



GEM wiki:
<https://tinyurl.com/gemwiki>



GEM anti-harassment policy
<https://tinyurl.com/gemantiharassment>

Schedule Keys	Focus Group	FG Leaders	Research Area(s)
RB	System Understanding of Radiation Belt Particle Dynamics through Multi-spacecraft and Ground-based Observations and Modeling	Hong Zhao, Lauren Blum, Sasha Ukhorskiy, and Xiangrong Fu	IMAG
BSH	Particle Heating and Thermalization in Collisionless Shocks in the MMS Era	Lynn Wilson III, Li-Jen Chen, Katherine Goodrich, and Ivan Vasko	SWMI
CP	The Impact of the Cold Plasma in Magnetospheric Physics	Gian Luca Delzanno, Natalia Buzulukosva, Barbara Giles, Roger Varney, and Joe Borovsky	IMAG
SCIMM	Self-Consistent Inner Magnetospheric Modeling	Cristian Ferradas, Chao Yue, Jacob Bortnik, and Qianli Ma	IMAG/MIC
GIC	Understanding the causes of geomagnetic disturbances in geospace for hazard analysis on geomagnetically induced currents	Xueling Shi, Dogacan Su Ozturk, Mark Engebretson, Zhonghua Xu, E. Joshua Rigler	GSM/MIC
MESO	Mesoscale drivers of the nightside transition region: ionospheric and magnetotail evaluations	Bea Gallardo-Lacourt, Gareth Perry, Emma Spanswick, Yari Collado-Vega, and Bashi Ferdousi	MPS/MIC
MPEC	Magnetospheric Sources of Particle Precipitation and Their Role on Electrodynamic Coupling of Magnetosphere-Ionosphere-Thermosphere Systems	Dogacan Su Ozturk, Dong Lin, Yiqun Yu, Katherine Garcia-Sage, Stephen Kaeppler	MIC/GSM
COMP	Comparative Planetary Magnetospheric Processes	George Clark, Wen Li, Bob Marshall, Dan Gershman, Peter Delamere, Shannon Curry	SWMI/MPS
MMV	Modeling methods and validation	Mike Liemohn, Lutz Rastaetter, Alexa Halford, Josh Rigler	
CGS	Center for Geospace Storms	Slava Merkin	
SPEDAS	Space Physics Environment Data Analysis System	Jim Lewis	
GMAG	Ground Magnetometers	Mike hartinger	