



GEM

Geospace Environment Modeling

2024 mini-GEM Workshop

Washington, D.C.

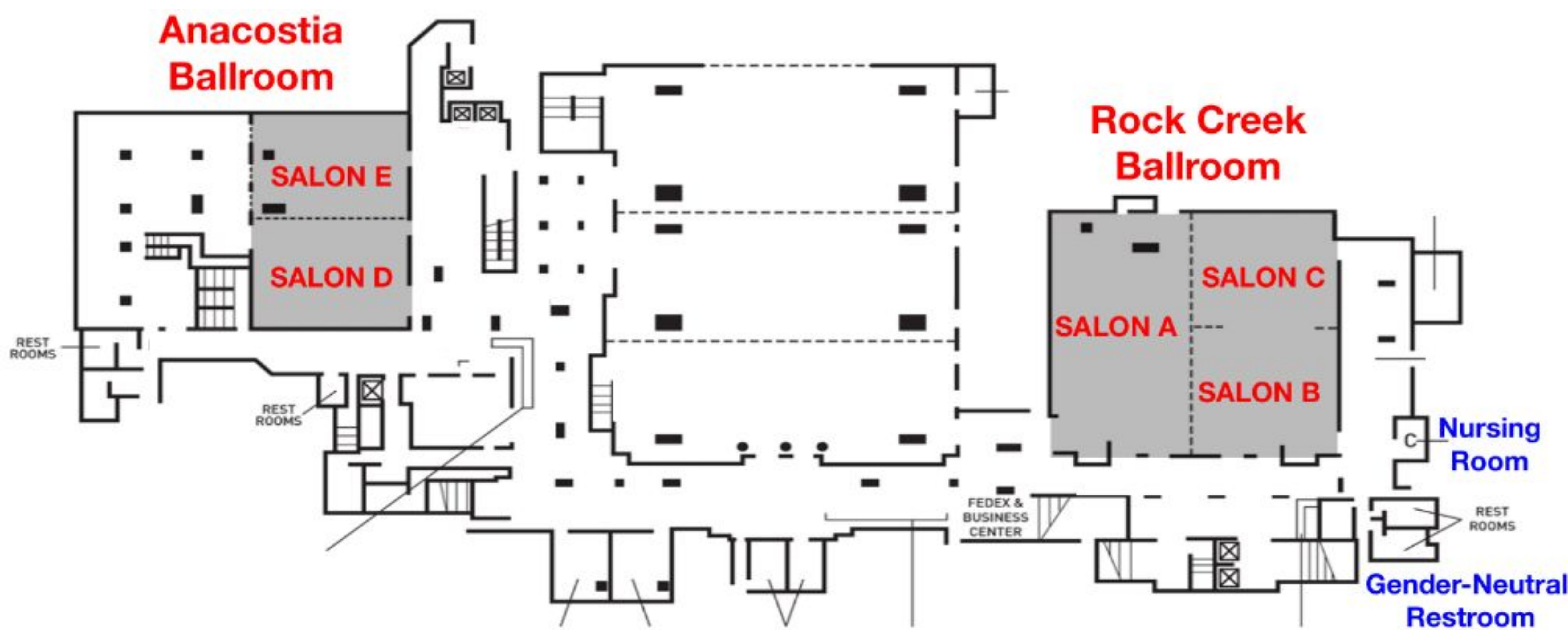
December 8th



NSF-Sponsored Conference

Schedule

Pacific Time	Rock Creek Salon A	Rock Creek Salon B	Rock Creek Salon C	Anacostia Salon D	Anacostia Salon E
10:15 - 11:00	Upcoming NASA Heliophysics Missions				
11:00 - 11:45		Student Town Hall	GMAG		
12:00 - 13:30	MESO		MMV	MPEC	KiTS
Coffee Break					
13:45 - 15:15	MESO	CP	GIC		COMP
Coffee Break					
15:30 - 17:00	MESO	MLGEM	GIC	SCIMM	COMP
17:15 - 18:45					
	New Focus Group proposal presentations				
19:00 - 21:00					
	SC Meeting ()				



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



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



GEM Code of Conduct
<https://gemworkshop.org/code-of-conduct/>

Schedule Keys	Focus Groups	FG Leaders	Research Area(s)
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
KiTS	Kinetic Plasma Processes in the MagnetoTail during Substorm Dynamics	Harry Arnold, Jason Derr, Akhtar Ardakani, Anton Artemyev	MPS
Schedule Keys	Resource Groups	FG Leaders	Research Area(s)
MMV	Modeling methods and validation	Mike Liemohn, Lutz Rastaetter, Alexa Halford, Josh Rigler	
MLGEM	Machine Learning as it pertains in the Geospace Environment	Hyunju Connor, Matthew Argall, Xiangning Chu, Banafsheh Ferdousi, Sai Gowtam Valluri	
Schedule Keys	Other Groups	FG Leaders	Research Area(s)
GMAG	Ground Based Magnetometer Array	Zhonghua Xu, Michelle Salzano, Jenn Gannon	