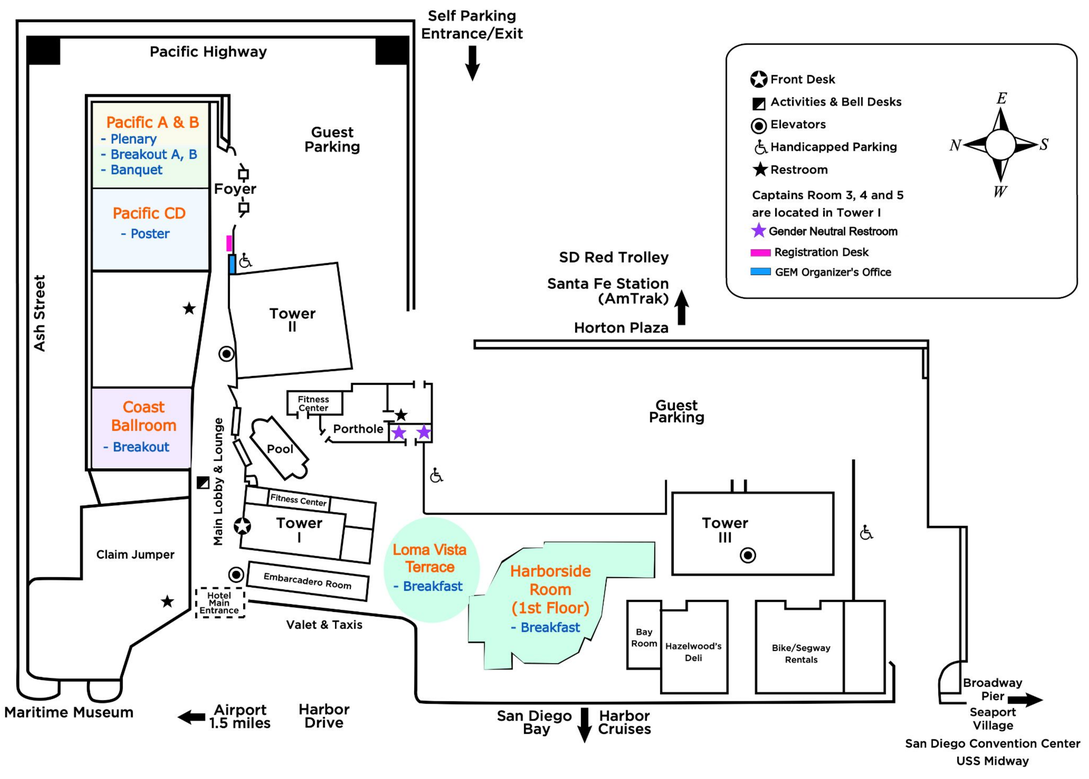
GEM-2023
NSF-GEM Summer Workshop - Meeting Schedule

6/11/2023 (Sun)		Pacific Time	6/11/2023 (Sun)		6/12/2023 (Mon)		6/13/2023 (Tue)		6/14/2023 (Wed)		6/15/2023 (Thu)		6/16/2023 (Fri)	
Coa	Student Day	*07:00 AM - 08:00 AM*			LVT, H	*Breakfast*								
08:00 - 08:30 **Intro to GEM** Elizabeth Vandegriff & Hsinju Chen 08:30 - 09:00 **Fundamentals** Akhtar Ardakani 09:00 - 09:30 **Dayside mag** Pedro Silva 09:30 - 10:00 Coffee Break 10:00 - 10:30 **Nightside mag** Sanjay Chepuri 10:30 - 11:00 **Inner Mag** Xingzhi Lyu 11:00 - 11:30 **MIC** Shannon Hill 11:30 - 01:00 Lunch 01:00 - 01:30 **GSM** Austin Brenner 01:30 - 02:00 **Data Science** Aaron West 02:00 - 02:30 Coffee Break 02:30 - 03:00 **Space Weather** Mei-Yun Lin 03:00 - 03:30 **NSF** Chia-Lin Huang		***08:00 AM - 10:00 AM***	Coa	**Student Day**	AB	***Plenary Session***	AB	***Plenary Session***	AB	***Plenary Session***	AB	***Plenary Session***	AB	***Plenary Session***
					Opening remarks: *A. Kellerman*		**Chair: *C. Gabrielse***		**Chair: *A. Kellerman***		**Chair: *C. Gabrielse***		**Chair: *A. Kellerman***	
					MPS Tutorial **Speaker: *Larry Kepko*** ***Moderators: Abhiraj Majumder, Suhail Adel Aldhurais***		**Agency talks** **NSF: *Chia-Lin Huang*** **NASA: *Reiner Friedel*** **NOAA: Howard Singer** **AFRL: Shawn Young**		**Student Tutorial** ***Speaker: Alexa Halford*** ***Moderators: El Vandegriff, Hsinju Chen***		**IMAG Tutorial** **Speaker: *Xiaojia Zhang*** **Moderators: *Alexandra Wold, Declan O'Brien***		**MIC Tutorial** **Speaker: *Chigo Ngwira*** ***Moderators: Ethan Tsai, Jodie McLennan***	
					New FG Tutorial **Speaker: *George Clark*** **Moderators: *Dillon Gillespie, Austin Smith***		**SBCCI - DEI Tutorial** **Speakers: *Edward Gonzales*** ***Moderators: Michael Coughlan, Gabriel Costanzo***		**GSM Tutorial** ***Speakers: Tuija Pulkkinen*** ***Moderators: Neha Srivastava & Dominique Stumbaugh***		**SWMI Tutorial** **Speaker: *Joo Hwang*** **Moderators: *Pauline Dredger, Krishna Khanal***		**MMV Tutorial** **Speaker: *Steve Morley*** **Moderators: *Hector Salinas, Espen Fredrick***	
					FGs Announcements		**FGs Announcements**		**FGs Announcements**		**FGs Announcements**		**FGs Announcements**	
		10:00 AM - 10:30 AM			*Coffee Break*									
		10:30 AM - 12:00 PM			***Concurrent Sessions 1***		***Concurrent Sessions 1***		***Concurrent Sessions 1***		***Concurrent Sessions 1***		***Concurrent Sessions 1***	
					A	**COMP**	A	**MPEC-COMP**	A	**COMP-RB-DIP**	A	**IHMIC-GIC-MPEC**	A	**CGS**
					B	**MESO**	B	**RB**	B	**GIC**	B	**RB**	B	**Eclipses**
					Coa	**CP**	Coa	**RX**	Coa	**CP**	Coa	**BSH**	Coa	**SPEDAS**
		12:00 PM - 01:30 PM *Lunch Break*			A	***12:50 pm to 1:20 pm GEM Decadal Update***	Coa	***Student Rep Candidates Presentations***	H	***GEMEE Lunch***	A	***12:50 pm to 1:20 pm Helio Advocacy at GEM***		
		01:30 PM - 03:00 PM			***Concurrent Sessions 2***		***Concurrent Sessions 2***		***Concurrent Sessions 2***		***Concurrent Sessions 2***			
					A	**MESO-DIP**	A	**DIP-RB**	A	**GIC-GBMA**	A	**MPEC-MESO-DIP**	Bayroom	**12:30pm SC meeting**
					B	**ML**	B	**MPEC**	B	**RB**	B	**SCIMM**		
					Coa	**CP**	Coa	**COMP**	Coa	**DIP**	Coa	**BSH**		
		03:00 PM - 03:30 PM			*Coffee Break*									
		03:30 PM - 05:00 PM			***Concurrent Sessions 3***		***Concurrent Sessions 3***		***Concurrent Sessions 3***		***Concurrent Sessions 3***			
					A	**MESO-DIP**	A	**SCIMM-CP**	Coa	**SBCCI - DEI Event**	A	**MPEC-SCIMM-ML**		
					B	**IHMIC**	B	**MPEC**			B	**RX**		
					Coa	**RB**	Coa	**DIP**			Coa	**SPEDAS**		
		06:00 PM - 08:30 PM *Evening Events*	LVT, H	**06:00 pm - 07:30 pm Workshop Icebreaker**	H	**Student Dinner**	CD	**Poster session**	AB	**Banquete**	CD	**Poster session**		
		Late Events										**SBCCI - Queer Beers**		

Session-Room Keys	LVT:	Loma Vista Terrace	H:	Harborside Room	AB:	Combined Pacific A & B	A:	Pacific A	B:	Pacific B	CD:	Combined Pacific C & D	Coa:	Coast Ballroom

GEM-2023
NSF-GEM Summer Workshop - Keys

Schedule Keys	Focus Group	FG Leaders	Research Area(s)
DIP	Magnetotail Dipolarization and Its Effects on the Inner Magnetosphere	Christine Gabrielse, Matina Gkioulidou, Slava Merkin, Drew Turner, and David Malaspina	MPS/IMAG
RX	Magnetic Reconnection in the Age of the Heliophysics System Observatory	Rick Wilder, Shan Wang, Michael Shay, and Anton Artemyev	GSM
IHMIC	Interhemispheric Approaches to Understand M-I Coupling	Hyomin Kim, Robert Lysak, and Tomoko Matsuo	MIC/IMAG
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*	
ML	Machine Learning as it pertains in the Geospace Environment	*Matt Argall*	
SBCCI	The Sam Bingham Community Cares Inititive	*GEM Steering Committee*	
GBMA	Ground Based Magnetometer Array	Michael Hartinger	
CGS	Center for Geospace Storms	Slava Merkin	
SPEDAS	Space Physics Environment Data Analysis System	Jim Lewis	
Eclipses	Preparation for geospace observations during upcoming solar eclipses	Peter Chi	



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

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

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