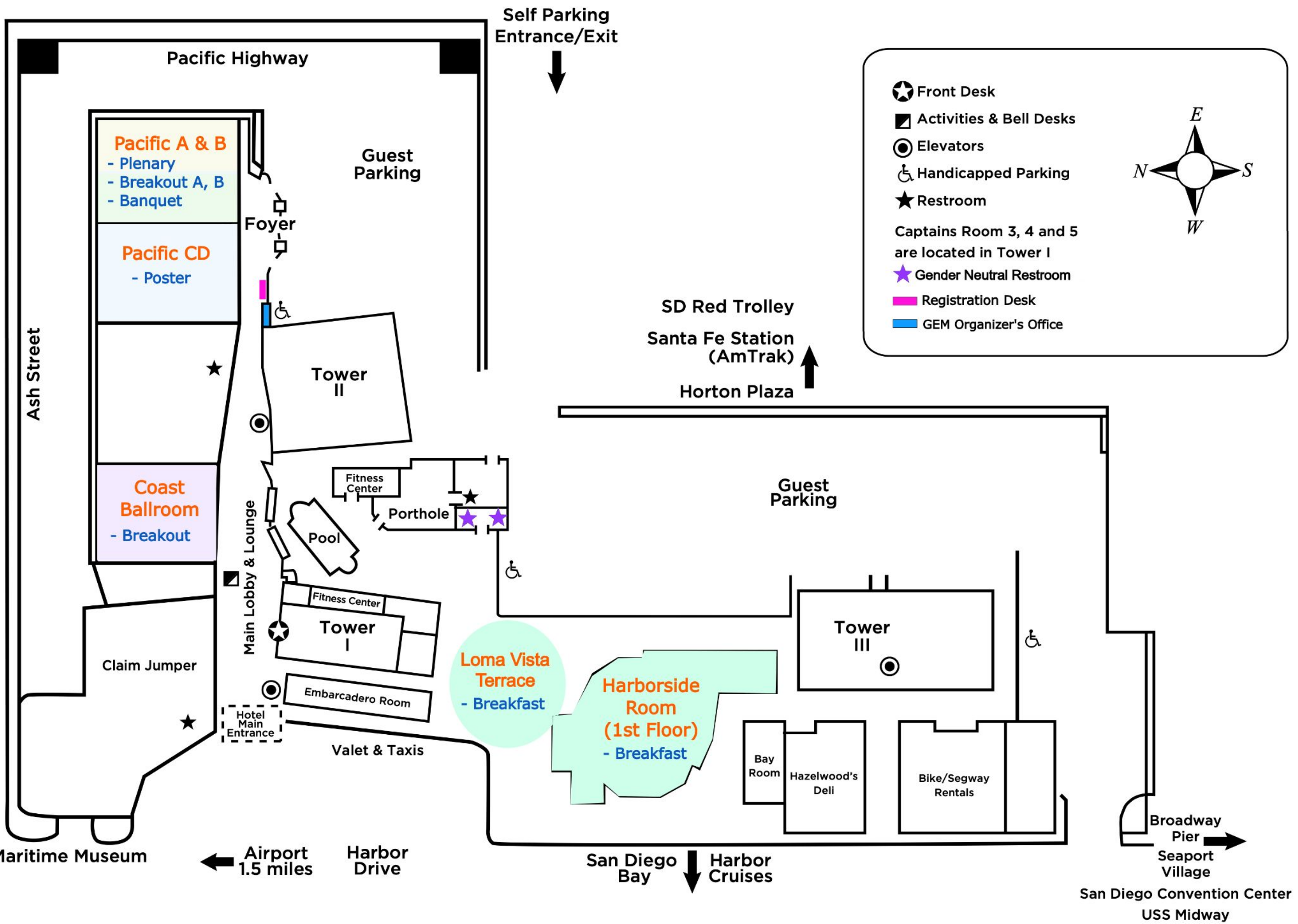
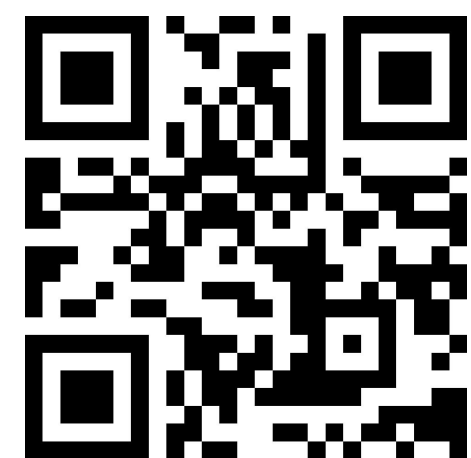


GEM-2023															
NSF-GEM Summer Workshop - Meeting Schedule															
6/11/2023 (Sun)		Pacific Time	6/11/2023 (Sun)		6/12/2023 (Mon)		6/13/2023 (Tue)		6/14/2023 (Wed)		6/15/2023 (Thu)		6/16/2023 (Fri)		
Coa	Student Day	07:00 AM - 08:00 AM	Coa	Student Day	LVT, H	Breakfast									
08:00 - 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					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 Aldhuraïs		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		
Coffee Break															
10:00 AM - 10:30 AM		10:30 AM - 12:00 PM			Concurrent Sessions 1		Concurrent Sessions 1		Concurrent Sessions 1		Concurrent Sessions 1		Concurrent Sessions 1		
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					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	Bayroom12:30pm SC meeting
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		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				
		B			ML	B	MPEC	B	RB	B	SCIMM				
		Coa			CP	Coa	COMP	Coa	DIP	Coa	BSH				
Coffee Break															
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		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										H	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 Initiative	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>