GEM Summer Workshop Agenda June 26 - July 01 2011

Conference Schedule as of June 23, 2011		Workshop Organization (J) => joint GEM/CEDAR (C) => CEDAR (G)=> GEM									
Sunday, June 26, 2011		CC Sweeney F&G 8198 sq ft 950 theatre	Eldorado Anasazi (all,S,N) 4320/2754/1566 sq ft, 550/350/150	CC Coronado+DeVargas 1726 sq ft, 160 theatre	CC Peralta + Lamy 1742 sq ft, 160 theatre	CC O'Keefe+Milagro 1680 sq ft, 130 theatre	CC Kearney 980 sq ft, 80 theatre	CC Sweeney C 1470 sq ft, 130 theatre	CC Sweeney D 1470 sq ft, 130 theatre	Eldorado Sunset 2680 sq ft, 250 theatre	Eldorado Zia 2160 sq ft, 200 theatre
Time		Plenary Session	**Registration outside Anasazi from 8am - 4pm**	Concurrent Sessions	Concurrent Session	Concurrent Session	Concurrent Session	Concurrent Session	Concurrent Session	Concurrent Session	Concurrent Session
8:00 - 9:00am	Student Breakfast in Eldorado Pavilion										
9:00 10:30am	**Registration outside Anasazi from 8am - 4pm**		Student Sessions								
10:30 - 10:50			Break								
10:50 - 12:10			Student Sessions								
12:10 - 1:30pm	Student pizza lunch in Pavilion										
1:30 - 2:50			Student Sessions								
2:50 - 3:10			Break								
3:10 - 4:10pm			Student Sessions								
4:10 - 7:00	Student free time or soccer game										
7:00 - 10:00pm	CEDAR SSC dinner/meeting										
Monday June 27, 2011											
Time		Plenary Session CC Sweeney F&E	Eldorado Anasazi	CC Coronado+DeVargas	CC Peralta + Lamy	CC O'Keefe+Milagro	CC Kearney	CC Sweeney C	CC Sweeney D	Eldorado Sunset	Eldorado Zia
7:00 - 8:00am	Breakfast in Eldorado Pavilion										
7:15am -4:30pm	**Registration Sweeney Foyer**										
8:00 - 9:00	Plenary Session	Plenary Session: (student intros., NSF									
9:00 - 9:30	Break										
9:30 - 10:05am	Pleanary Session	Plenary: AIM Imperatives (Forbes)									
10:05 - 10:40am	Pleanary Session	Plenary: SWIM Imperatives (Thomsen)									
10:40am - 11:20	Pleanary Session	Plenary: Outflow and Mass flow (Schunk, Lotko)									
11:20 - 12:00	Plenary Session	Inner Magnetosphere-Ionosphere coupling (JMoldwin, Brandt)									
12:00 - 1:30pm	Lunch on Own										
1:30 - 3:30pm	Concurrent Sessions	(poster boards delivered - moved Tues AM to Sweeney A+B)	(J) Data Assimilation Tutorial (South)	(J) Outflow measurements	(G) Plasma Entry & Transport (Summary)	(J) Electrodynamic Coupling at middle & low latitudes	(G) Magnetospheric response modes	NA	NA	(C) Coupling during strat-warms	(G) Radiation Belts
3:30 - 400pm	break										
4:00-6:00pm	Concurrent Sessions		(J) GPS:Global scale Currents & Plasmab Structures (South) (C) Low-Lat Sensor Ntwk (LISN) and Jicamarca (North)	(J) Modeling Outflow	(G) Plasma Entry & Transport (Planning/future vision))	(G) Plasmasphere - Magnetosphere Interactions	(J) Nonlinear Plasma at Auroral and Subauroral latitudes	NA	NA	(C) Coupling during strat-warms	(G) Radiation Belts
6:30 - 7:15pm	Cash Bar & HooDoos Convention Center & Patio										
7:15 - 10:00 pm	Plated Banquet							**Banquet**	**Banquet**		
Tuesday, June 28, 2011											
Time		Plenary Session CC Sweeney F&E	Eldorado Anasazi	CC Coronado+DeVargas	CC Peralta + Lamy	CC O'Keefe+Milagro	CC Kearney	CC Sweeney C	CC Sweeney D	Eldorado Sunset	Eldorado Zia
7:00 - 8:00am	Breakfast in Eldorado Pavilion										
7:30am -4:30pm	**Registration Sweeney Foyer**										
8:00 - 9:30am	Plenary session	CEDAR Plenary: CEDAR prize lecture (Huba)	GEM Plenary: Magnetosheath: A wonderful laboratory for the investigation of fundamental plasma processes(Tai Phan), Modes of Magnetospheric Response: Methods of Identification (Bob Weigel)								
9:30 - 10:00am	Break										

10:00am - 12:00pm	Concurrent Sessions		(J) Dayside FAC & energy deposition	(G) Magnetosheath	(J) GPS:Global scale Currents & Plasmab Structures	(G) Plasmasphere - Magnetosphere Interactions	(J) Nonlinear Plasma at Auroral and Subauroral latitudes	(C) Lightning Effects in the Upper Atmosphere		(C) R E Spread F	
12:00 - 1:30pm	Lunch on Own					GEM					
1:30 - 3:30pm	Concurrent Sessions		(J) Dayside FAC & energy deposition	(J) M-I Coupling within Plasmasphere Boundary Layer	(G) Pre-focus group planning for Magnetic Reconnection	(J) CEDAR/GEM Modeling Challenge (climatology)	(G) Near Earth Magnetosphere	(C) Thermospheric Winds and Modelling	(G) Magnetosheath	(C) R E Spread F	
3:30 - 4:00pm	Break										
4:00 - 7:00pm	Posters Sweeney A&B										
Wednesday, June 29, 2011											
Time		Plenary Session CC Sweeney F&E	Eldorado Anasazi	CC Coronado+DeVargas	CC Peralta + Lamy	CC O'Keefe+Milagro	CC Kearney	CC Sweeney C	CC Sweeney D	Eldorado Sunset	Eldorado Zia
7:00 - 8:00am	Breakfast in Eldorado Pavilion										
7:30am -4:30pm	**Registration Sweeney Foyer**										
8:00 - 9:30am	Plenary session	JOINT Plenary: System Science (Hysell, Immel, Liemohn, Semeter, Lotko)									
9:30 - 10:00am	Break										
10:00 - 12:00pm	Concurrent Sessions		(J) Nightside MIT coupling during geomag. disturbance	(J) TIEGCM coupled to magnetosphere		(G) Space Radiation Climatology	(C) World Day Scheduling	(C) Thermospheric Winds and Modelling	(J-G) Merging outflow models to GGCM	(G) Diffuse Aurora	
12:00 - 1:30pm	Lunch on Own										
1:30 - 3:30pm	Concurrent Sessions		(J) Nightside MIT coupling during geomag. disturbance	(J) TIEGCM coupled to magnetosphere	(J) Cubesats to support cross-cutting science	(G) Space Radiation Climatology	(G) Near Earth Magnetosphere	(C) Arecibo Friends	(J-G) Merging outflow models -- planning	(G) Diffuse Aurora	
3:30 - 4:00pm	Break										
4:00 - 7:00pm	Joint Posters Sweeney A&B										
Thursday, June 30, 2011											
Time		Plenary Session CC Sweeney F&E	Eldorado Anasazi	CC Coronado+DeVargas	CC Peralta + Lamy	CC O'Keefe+Milagro	CC Kearney	CC Sweeney C	CC Sweeney D	Eldorado Sunset	Eldorado Zia
7:00 - 8:00am	Breakfast in Eldorado Pavilion										
7:30am -4:30pm	**Registration Sweeney Foyer**										
8:00 -8:50am	Plenary session	JOINT Plenary: Student tutorial (Anthea Coster)									
8:50 - 9:10am	Plenary session	JOINT Plenary: Radiation Belt Storm Probes -- Opportunities for joint GEM/CEDAR research (Grebowsky)									
9:10-9:30am	Plenary session	Future of Space Weather Modeling (Stan Solomon)									
9:30 - 10:00am	Break										
10:00 - 12:00	Concurrent Sessions		(J) CEDAR/GEM Modeling Challenge	(J) Remote sensing the Inner Magnetosphere	(J) Cubesats to support cross-cutting science	(C) Meteors		(G)Substorms	Themis Software tutorial	(G) Diffuse Aurora	
12:00 - 1:30pm	Lunch on Own										
1:30 - 3:30	Concurrent Sessions		(J) CEDAR/GEM Modeling Challenge	(G) Magnetic Mapping	(J) Consequences of High Speed Streams	(C) Lidars		(G) Substorms		(G) Diffuse Aurora	
3:30 - 4pm	Break										
4:00 - 6:00pm	Concurrent Sessions		(J) 27 Feb - 04 Mar, Kp>5	(G) Magnetic Mapping	(J) Consequences of High Speed Streams	(C) Equatorial PRIMO		(G) Substorms		(G) Radiation Belts	
Friday, July 01, 2011											
Time		Plenary Session CC Sweeney F&E	Eldorado Anasazi	CC Coronado+DeVargas	CC Peralta + Lamy	CC O'Keefe+Milagro	CC Kearney	CC Sweeney C	CC Sweeney D	Eldorado Sunset	Eldorado Zia
7:00 - 8:00am	Breakfast in Eldorado Pavilion										
7:30am -12:30pm	**Registration Sweeney Foyer**										
08:15-10:00		GEM Plenary: GGCM tutorial(How to model micro-macro coupling: Magnetic Reconnection--Michael Hesse), Inner Mag(The Plasmasphere: Diagnostics and Modeling--Richard Denton									

10:00 - 10:15am	Break										
10:15am - 12:15pm	Concurrent Sessions			(G) Magnetic Mapping	(c) Ionospheric Assimilation		(C) Database	(G) Substorms		(G) Radiation Belts	
12:15 - 1:30pm			GEM focus group reports								
1:45 - 4:00pm											GEM Steering Committee Meeting