

MSSL Solar Group – PDRA Project Management Sheet
2009/10 Academic Year

a) Current Project List:

Project Code	Title/Short Project Description	Mission data used (current) or future mission foundation	Project Type				Current Stage	
			Role	Collaborator	Pilot	Analysis	Write-up	Completion
LvDG01	EIS outflows' imprint in the solar wind	Hinode, ACE, STEREO, SOHO/MDI	SI	Andrew F., Louise	100%	90%	50%	100%
LvDG02	Coronal dimming evolution (=LKH05)	Hinode, SOHO	SE	Gemma Attrill, Louise	100%	90%	95%	100%
LvDG03	Effects of emerging flux with counter-helicity on AR activity	Hinode, SOHO, TRACE, GOES	SI & SE	Alison Wallace, Lucie, C. Mandrini, P. Demoulin	100%	50%	10%	40%
LvDG04	CME-precursor intensification of EIS outflows	Hinode, SOHO, STEREO	SI	Deb Baker, Lucie	100%	80%	20%	40%
LvDG05	Living Reviews: Active Region Evolution	--	L	--	100%	--	15%	40%
LvDG06	Formation and evolution of coronal holes	Hinode, SOHO, STEREO	L	Jian, Ehsan, M. Owens, et al.	100%	30%	0%	70%
LvDG07	Interaction between ARs and CHs	Hinode, SOHO, STEREO	SI	Deb, Len	100%	10%	0%	70%
COSPAR D23/E33	Multi-spacecraft Observations and Modeling of CMEs and Stream Interaction Regions	Session MSO	L	Paulett Liewer				50%

(L = Lead Project, SI = Support Internal, SE = Support External; * = Estimated)

c) Impediments to progress:

Project Code	Impediment	Suggested/Required Solution	
		Action Required	By:
All	Not enough time	Re-arrange personal priorities	

c) Completed projects for last month:

Project Code	Project Title	Product
LVDG00a	EIS outflows and QSLs	Published: Baker et al., ApJ 705, 926-935
LVDG00b	EIS outflows originating from the compression of surrounding fieldlines	Murray et al., Solar Phys. 261, 253-269 (February, 2010, published)
LVDG00c	Pre-flare flows in the corona	Wallace et al.; To be resubmitted to Solar Physics

d) Proposed New Projects:

Project Code	Project Title/Summary	Role	Collaborator	Project Type
LvDG08	MHD simulation of 3D reconnection along QSLs and EIS outflows (visit to St Andrews in January)	SE	Clare Parnell, St. Andrews + Deb	9-10 months
LvDG09	QSL locations and EIS upflows	SI+SE	Deb Baker, Cristina Mandrini, Pascal Demoulin	3-5 months
LvDG10	Acceleration of SEPs by jet/narrow CME	SI	Cheun Li, Sarah, Cristina Mandrini	3-5 months

e) Deadlines (Abstracts, Conferences, Manuscripts, etc.)

Project Code	Deadline	Travel Ap
LVDG00a	7 February – conference proceeding for Hinode 3	Submitted
LvDG07	26 February COSPAR abstract	Submitted
LvDG09	26 February COSPAR abstract	Submitted
LvDG10	26 February COSPAR abstract	Submitted
--	26 February COSPAR abstract, invited review	Submitted