

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

Bernhard Kliem – 23 April 2010

a) Current Project List:

Project Code	Title/Short Project Description	Mission data used (current) or future mission foundation	Project Type		Current Stage (Percent Complete)*			Time to Completion*
			Role	Collaborator	Pilot	Analysis	Write-up	
BHK04	Bald-patch Versus X-type Sigmoids	Hinode, SOHO, Yohkoh	L	L.Green	100	80	80	0.5 Months
BHK05	EIS sigmoid study`	Hinode, SOHO	SI	L.Green, A.Wallace	100	90	90	0.5 Months
BHK06	3D Reconstruction of a Rotating Erupting Prominence	STEREO	SE	W.Thompson, Toeroek	100	100	99	1 Month
BHK07	Numerical Modeling of a Rotating Erupting Prominence	STEREO	L	Toeroek, Thompson	100	50	30	2 Months
BHK08	Cavity Expansion in an Impulsively Accelerated CME II. Numerical Modeling	STEREO	L	Patsourakos Vourlidas, Forbes	100	10-20	0	5 Months
BHK09	Simulations of the		L	Forbes,	100	60	0	4 Months

BHK10	CME-Flare Relationship Cavity Expansion in an Impulsively Accelerated CME I. STEREO/SECCHI Observations (major revision of Nov09 submission)	STEREO	SE	Toeroek Patsourakos Vourlidas	100	100	99	0.5 Months
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(L = Lead Project, SI = Support Internal, SE = Support External; \* = Estimated)

b) Impediments to progress:

Project Code	Impediment	Suggested/Required Solution	
		Action Required	By:
BHKxx	none		

c) Completed projects for last month:

Project Code	Project Title	Product
BHK01	Reconnection of a Kinking Flux Rope I: Observations and Interpretation;	Submitted to Solar Physics
BHK02	II Numerical Modeling	Submitted to Solar Physics
BHK03	Testing Magnetofrictional Extrapolation with the Titov and D'emoulin Model of Solar Active Regions	Submitted to A&A; Minor revision subm. to A&A
BHKxx	The writhe of helical structures in the solar corona	(Toeroek, Berger & Kliem) Minor rev. subm. to A&A; accepted; arXiv1004.3918

d) Proposed New Projects:

Project Code	Project Title/Summary	Project Type		Time to Completion*
		Role	Collaborator	

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

Project Code	Deadline	Travel Approval Obtained (if applicable)
BHK02	AAS/SPD Mtg, 23-27/05 (meanwhile unlikely): A: 23/04, R: 13/05	
BHK03	SCOSTEP STP12, 12-16 July: (possibly): A: 06/04, R: 17/05, 01/07	
BHK05	IAU Symp 274, 6-10 Sept (possibly): A: 01/06, R: 31/05	