Collaboration with Ground-based Telescopes

wide field	higher spatial res.	height in atmosphere	higher cadence	higher sensitivity	wavelengths	long time base
<u> </u>						
	K-line					
	spectroscopy,	10830, 8542 vector				
	•	mag., Doppler			CO?	
					1.56um	
					vector, Mnl,	
					molecular	field strength,
vector for		10830, 8542 vector			lines, Ol	temperature over
extrapolation		mag., Doppler			triplet	solar cycle
		10830, 8542 vector	chromospheric	He 1083 Hanle,		helicity with
whole filaments		mag., Doppler	images, Doppler	Hbeta		cycle
		10000 0540				
		,				
		mag., Doppler			Hanle?	
full-disk vector		10830. 8542 vector				coronal hole
				?		rotation
<u> </u>						
		mag., Doppler		magnetograms		solar cycle
	•	10000 0540				
for extrapolation		mag., Doppler				
<u> </u>						
		10830, 8542 vector		photospheric		
		mag., Doppler		magnetograms		
	magnetograms	10830 8542 vector		vector field with		
					1 56 um Mol	statistics
		inag., Doppioi				
	magnetograms,					solar cycle
	mixed polarities?	8542 mag		all lines	Mnl, 2.2um,	variation
					CO 4.8um	
	vector for extrapolation whole filaments full-disk vector magnetogram	Image: sector of the spectroscopy, Halpha images,	K-line spectroscopy, Halpha images,10830, 8542 vector mag., Dopplervector for extrapolation10830, 8542 vector mag., Dopplerwhole filaments10830, 8542 vector mag., Dopplerfull-disk vector magnetogram10830, 8542 vector mag., Dopplerfull disk He 10830, vector- magnetograms for extrapolation10830, 8542 vector mag., Dopplerfull disk 	K-line 10830, 8542 vector spectroscopy, 10830, 8542 vector Halpha images, 10830, 8542 vector vector for 10830, 8542 vector extrapolation 10830, 8542 vector whole filaments 10830, 8542 vector full-disk vector 10830, 8542 vector full-disk vector 10830, 8542 vector full-disk vector 10830, 8542 vector magnetogram 10830, 8542 vector full disk 10830, 8542 vector magnetograms 10830, 8542 vector magnetograms 10830, 8542 vector magnetograms 10830, 8542 vector magnetograms 10830, 8542 vector magnetograms, 10830, 8542 vector magnetograms, 10830, 8542 vector magnetograms, 10830, 8542 vector magnetograms, 10830, 8542 vector	K-line 10830, 8542 vector wector for 10830, 8542 vector extrapolation 10830, 8542 vector whole filaments 10830, 8542 vector indication 10830, 8542 vector whole filaments 10830, 8542 vector indication 10830, 8542 vector indication 10830, 8542 vector whole filaments 10830, 8542 vector indication 10830, 8542 vector indigation	K-line spectroscopy, Halpha images, 10830, 8542 vector mag., Doppler CO? vector for extrapolation 10830, 8542 vector mag., Doppler 10830, 8542 vector mag., Doppler CO? whole filaments 10830, 8542 vector mag., Doppler chromospheric images, Doppler He 1083 Hanle, Heta full-disk vector magnetogram 10830, 8542 vector mag., Doppler chromospheric images, Doppler He 1083 Hanle, Heta full-disk vector magnetogram 10830, 8542 vector mag., Doppler ? ************************************

Operations

- Only issue are large telescopes in the US and the Canary Islands
- Smaller and synoptic telescopes are flexible enough
- May and October of every year will be preferred collaboration months
- Discussion between TACs to allocate observing time
- Advertisement of opportunities
- Best teams: Solar-B people + ground-based people + numerical modelers