Mission Concepts

SCIENCE AREA	SINGLE CUBESAT	FEW CUBESATS	~20 CUBESATS	~100 CUBESATS	>> 100 CUBESATS
Dark Ages	DARE follow-on (lunar orbit)	DARE extension? (lunar orbits)	N/A	N/A	Tomography
EoR	Probably will be done from ground	→			
Extragalactic	N/A	N/A	Image individual strong sources	All-sky mapping	Deep, high dynamic range imaging
Galactic	Integrated spectra (RAE 2 done properly)	N/A	Image individual strong sources	All-sky mapping	Deep, high dynamic range imaging
Exoplanets	N/A	N/A	Initial LF searches	Deeper searches	Useful upper limits
Interplanetary Magnetic Fields	L4, L5 beacons for Faraday rotation	In-situ (sunward of L2 w/solar sails)	Faraday rot. with S/C along Earth orbit	High-res. Faraday rot. tomography	In-situ throughout inner heliosphere
Solar system Objects	Giant planet burst spectra (lunar orbit)	Giant planet source sizes (lunar orbit)	Localization & size of giant planet bursts	Imaging & det. of weak bursts	High quality imaging of solar system
Solar bursts	Solar AKR analog??	Type II trajectories?	CME shock tracking	Source morphology	Fainter & farther imaging & tracking
Discovery	Ant. Directivity modulation	Lunar ionosphere (via absorption)	Strong transients	Var. sources	???