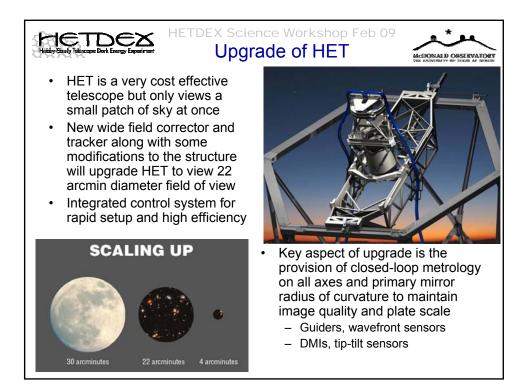


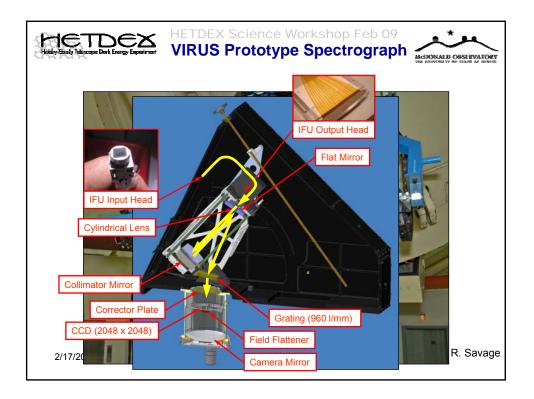
HETDI	EX Overview
<ul> <li>Two observational approaches to make progress on DE         <ul> <li>Get the tightest possible constraints at low redshift where effect of DE is stronger</li> <li>Go to higher redshift where we can measure the evolution                 <ul></ul></li></ul></li></ul>	<ul> <li>– 350 – 550 nm</li> <li>– Line flux limit 3.5e-17 and m₄₂~22</li> </ul>

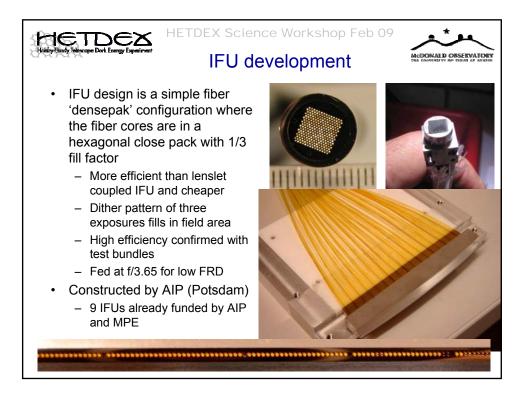


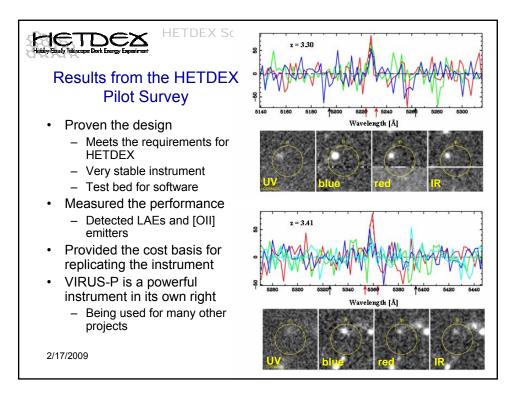




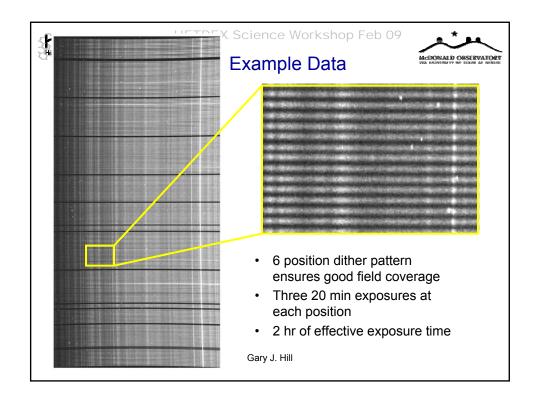


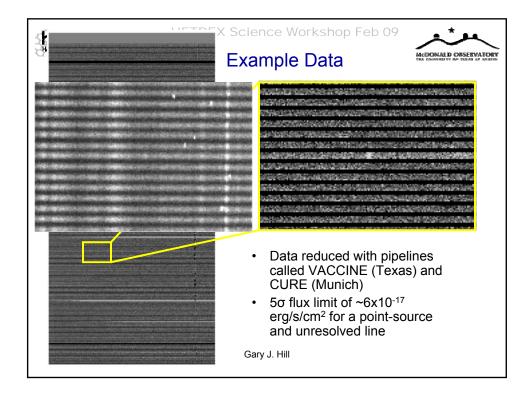


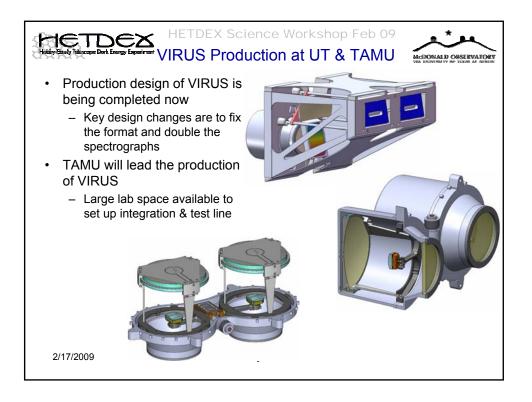




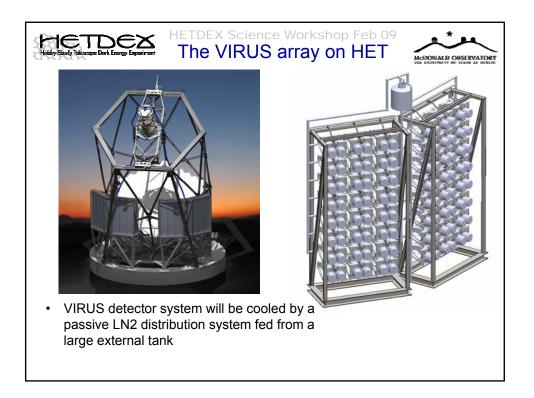
Holdow Blacky Intercope Dork Energy Experiment	Performance VIRUS Throughput 50.0 (%) 10.0 (%) 1					
	0.0 350 40	0 wave	450 length	50 (nm)		550
Redshift		1.9	2.5	3.0	3.5	4
Wavelength (nm)		350	425	485	550	4
Line Sensitivity (10 <sup>-17</sup> erg/cm <sup>2</sup> /s) for 0.8M galaxies		9.5	3.9	3.4	3.5	4
Continuum Sensitivity of baseline (AB mag)		21.5	22.0	21.9	21.6	]
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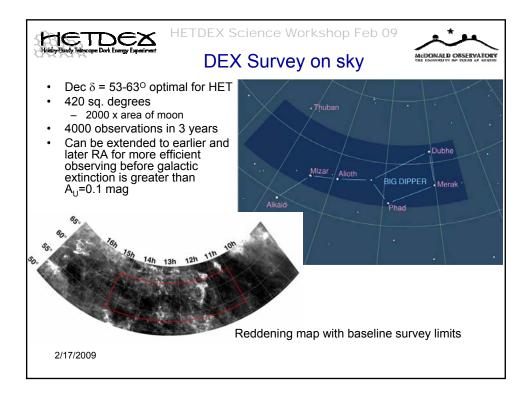


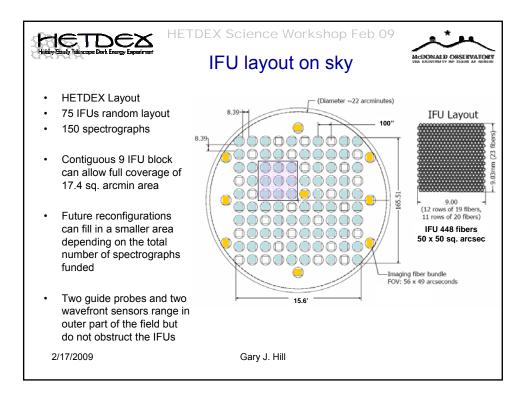


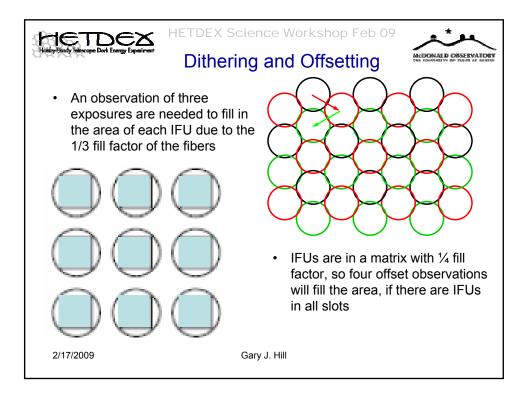


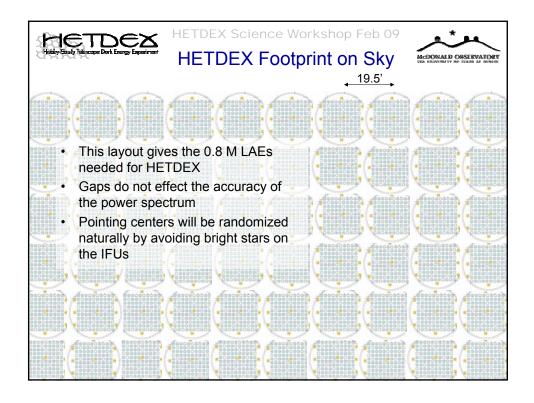


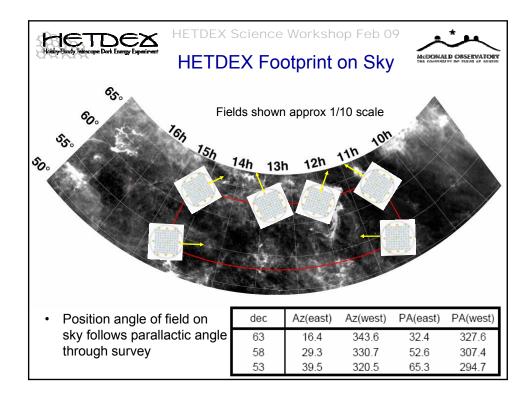


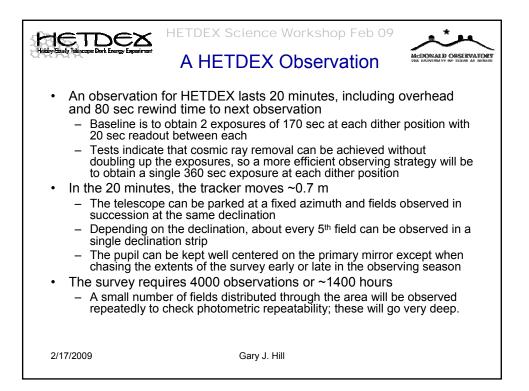












HETDEX	HETDEX Science Workshop Feb 09	, et en
Heider Eben Deitscope Dark Energy Experiment	Calibration Strategy	MCDONALD OBSERVATORY TRA DAMERSITY OF TRANS AT ACCESS
<ul> <li>Most fibers ar</li> <li>~10 blue stars calibration (ag</li> <li>Monitoring of addition of the</li> <li>This strategy</li> <li>Calibration facili accurate illumin</li> <li>Ability to obta observation</li> <li>Ability to illum to periodically</li> <li>Imaging survey</li> </ul>	be largely self-calibrating e looking at sky so excellent sky subtraction s will fall on IFUs for any exposure, providing gainst the SDSS) guidestar brightness and image size is used e three exposures that make up a dithered of has been tested on pilot survey data and bor ty provides flat field and emission line la ation over the field of view in a flat field exposure while rewinding tracket inate individual fibers isolated from neighbor record profiles of spectra for deconvolution with WIYN ODI in g,r to m~25 will discrit ovide additional calibration information	in the co- oservation me out mps with er for next s using masks
2/17/2009	Gary J. Hill	

