

# Multi-wavelength & Polarisation Studies of Pulsars

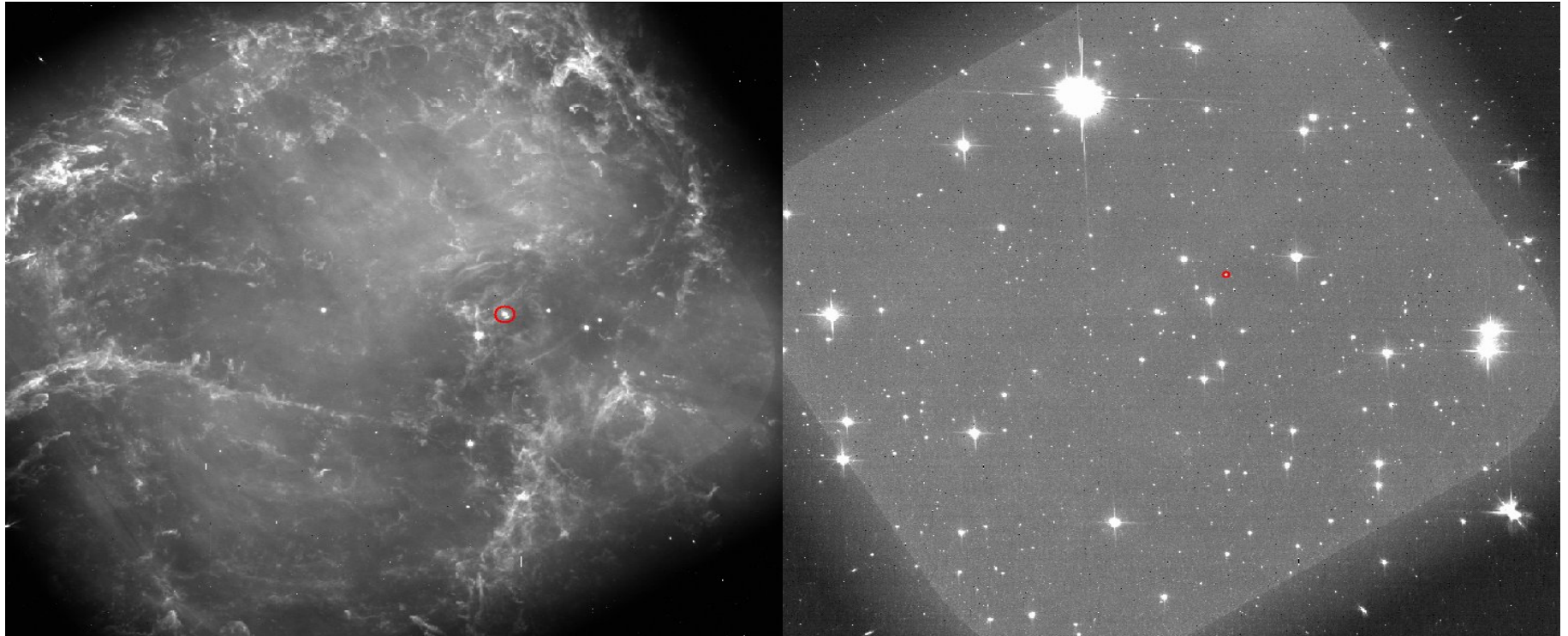
Paul Moran



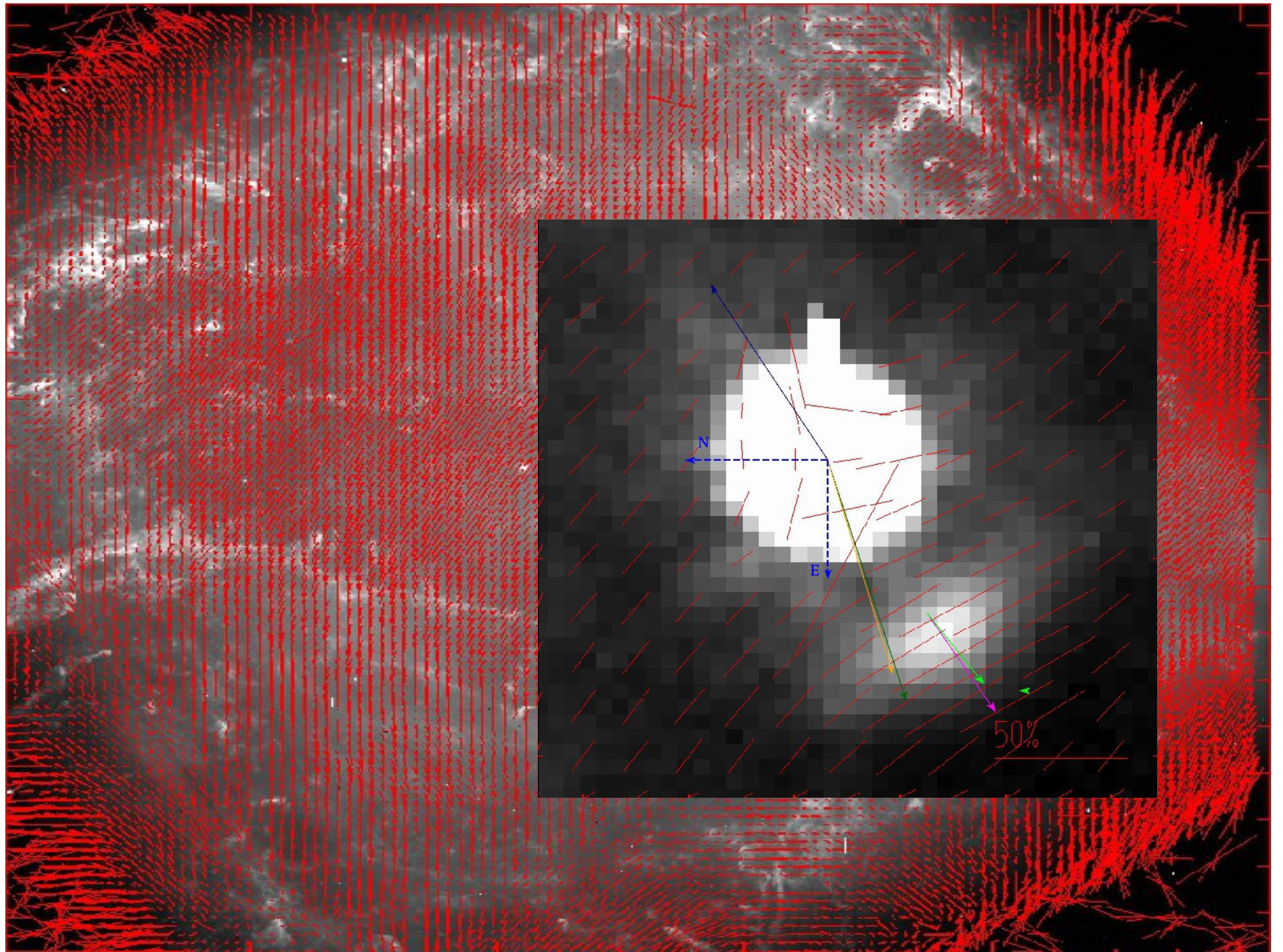
Fermi Summer School June 6 2012

# Optical Polarimetry of the Crab & Vela Pulsars

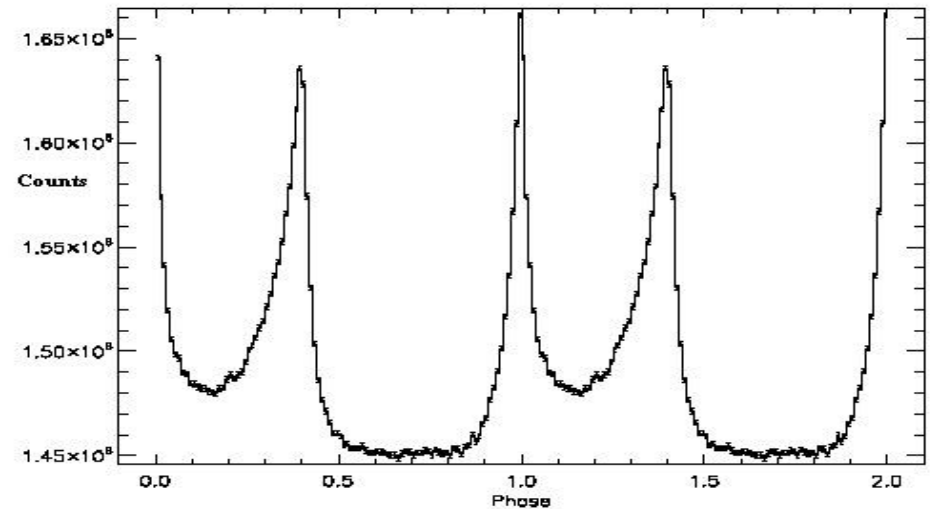
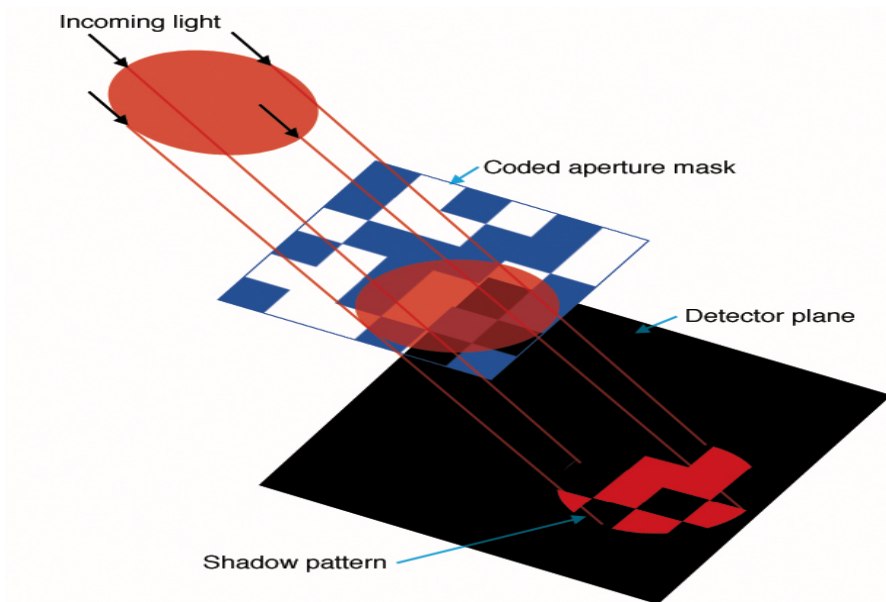
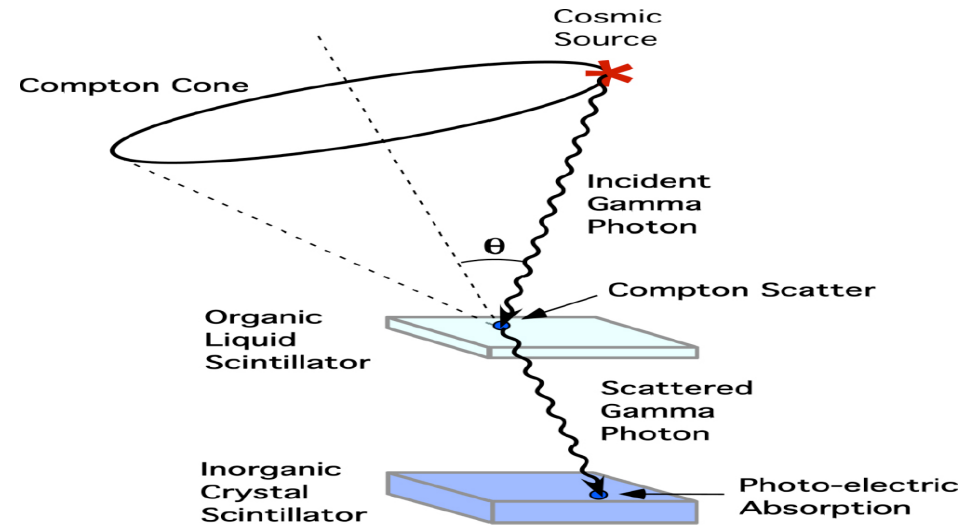
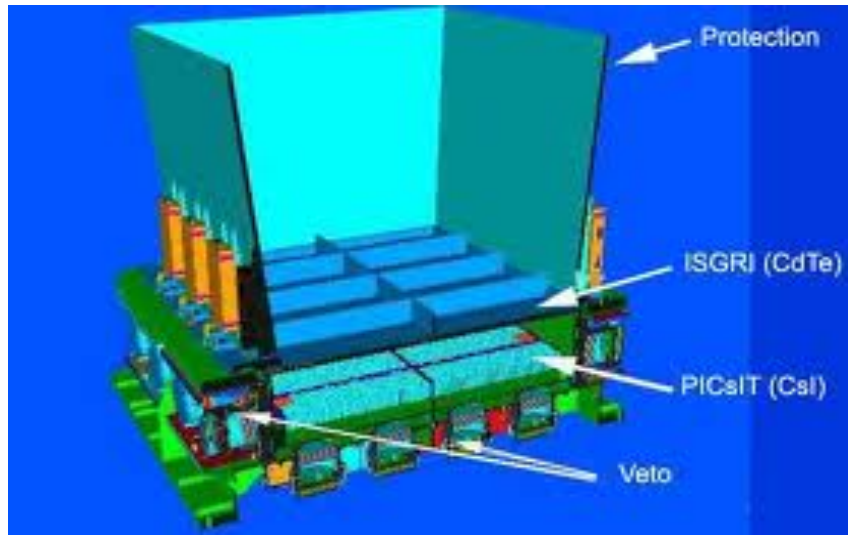
HST/ACS Polarimetric Observations (0, 60 & 120° Polariser)



	P. D. (%)	P. A. (°)
Crab pulsar	$4.90 \pm 0.33$	$105.97 \pm 2.00$
Synchrotron Knot	$61.70 \pm 0.72$	$126.86 \pm 0.23$
Vela pulsar	$9.23 \pm 1.03$	$165.92 \pm 3.61$



# INTEGRAL/IBIS Polarimetry of the Crab Pulsar



INTEGRAL lightcurve (20-120 KeV)