ESPaDOnS: Science

Polarimetric Mode

* Zeeman-Doppler imaging, magnetism in active cool stars, intricate B
* ordered kG B in chemically peculiar A and B stars
* circumstellar matter: geometry and chemistry

Non-Polarimetric Mode

* asteroseismology
* starspots
* accretion disks, winds
* abundances studies
* extra-solar planets

Expected Performances

S/N=100 per 3km/s bin in 1hr for a V=14 star