CRIRES$^+$

A high-resolution near-infrared spectropolarimeter for the Very Large Telescope

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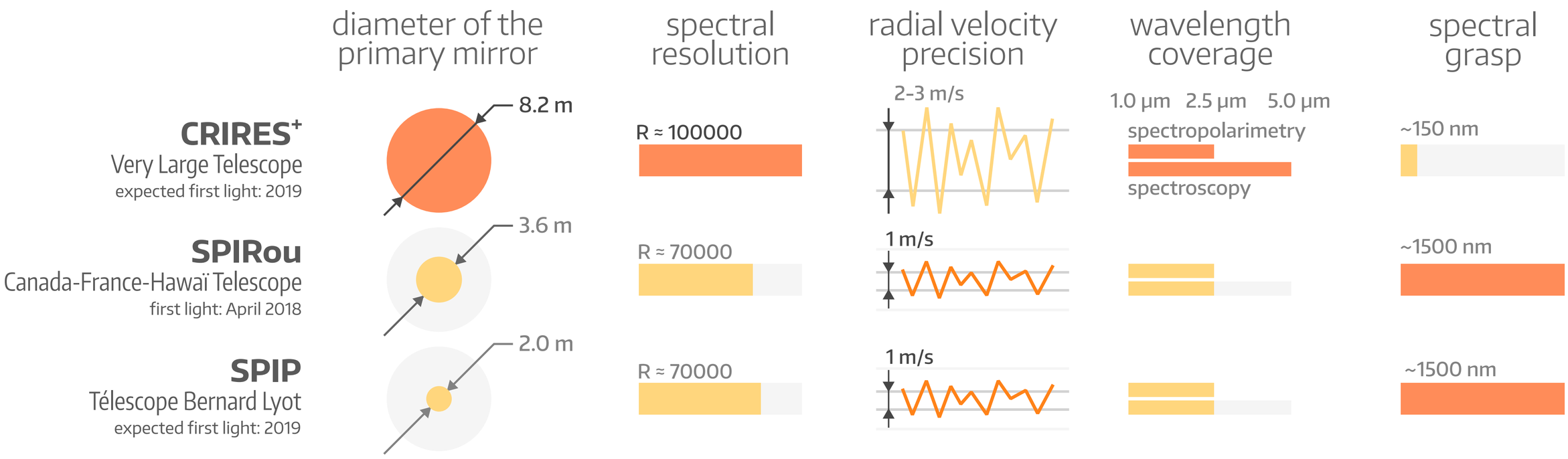
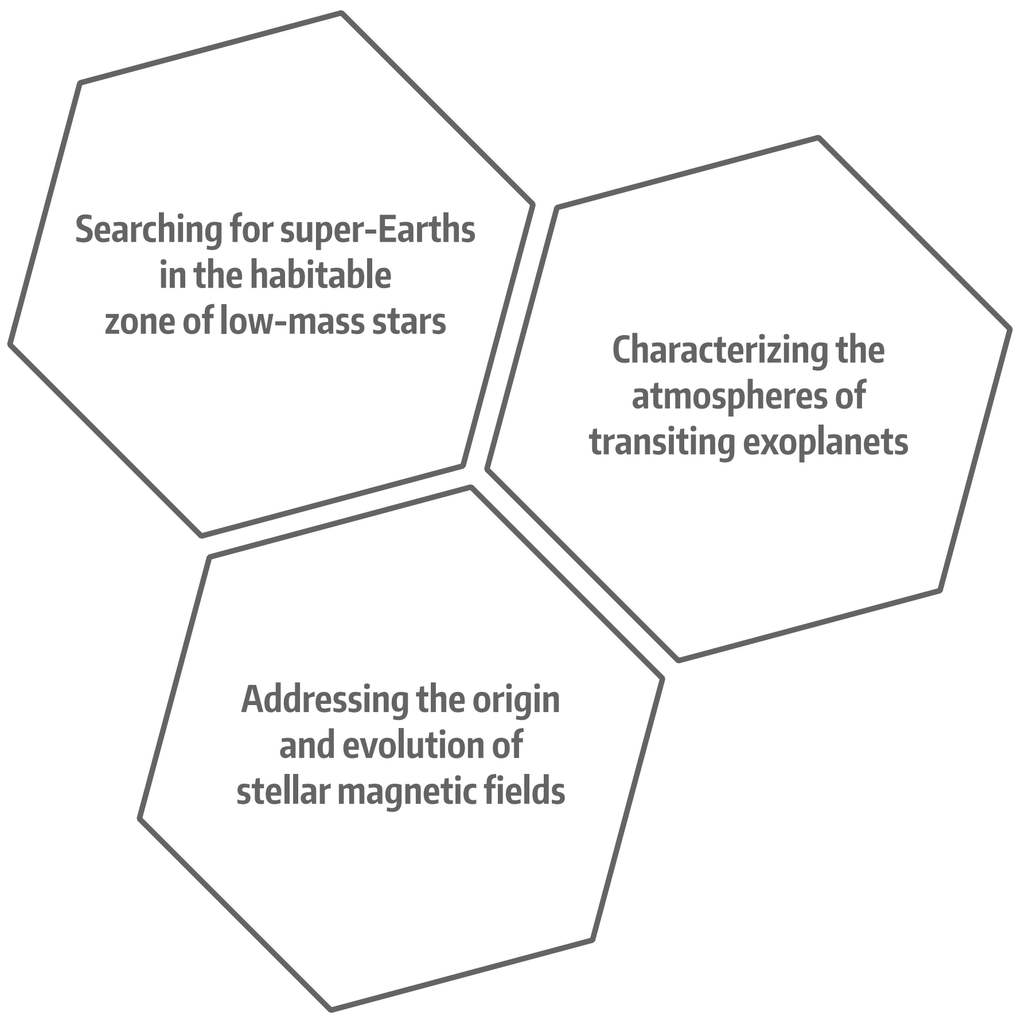
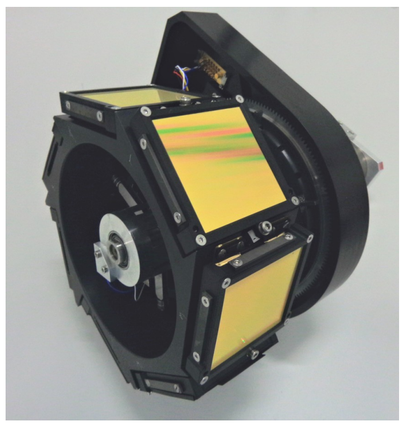
CRIRES$^+$ will complement other upcoming spectropolarimeters



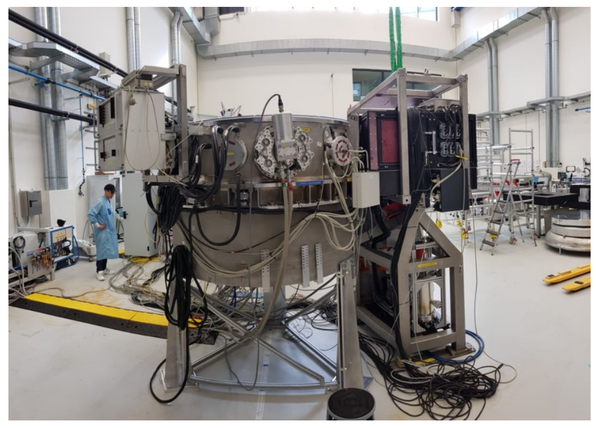
CRIRES$^+$ will be attached to a large aperture telescope and will deliver very high-resolution spectra up to 5 µm.

Science cases to be investigated

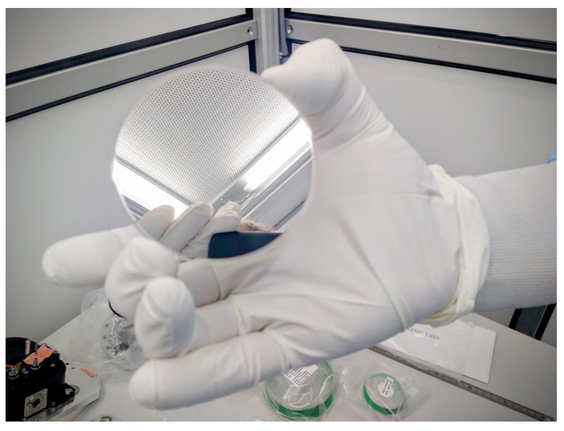




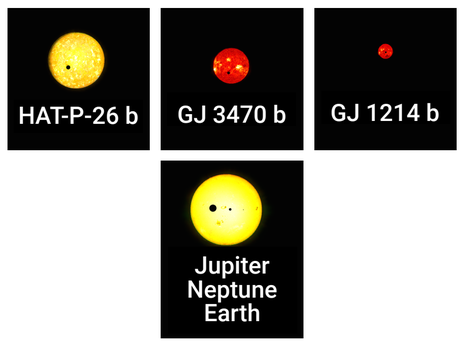
The CRIRES$^+$ cross-disperser grating wheel holding one grating for each near-IR YJHKLM band.



CRIRES$^+$ in the integration hall of the European Southern Observatory in Garching, Germany.



The new dichroic entrance which will let infrared light enter the cold part of the instrument and reflect optical light to the adaptive optics system.



Promising targets for characterising the atmosphere of transiting exoplanets with CRIRES$^+$, compared with Jupiter, Neptune, and Earth.
Credit: Erik Aronson

Visit our webpage: https://crir.es

Come talk to us, we are around!

Ulrike Heiter

Alexis Lavail