
BCool with BRITepol: The Spectropolarimetry of Cool Stars

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Abstract

The BCool project is an international collaboration studying the magnetic activity of cool stars from pre-main sequence through to evolved objects. BCool predominantly uses spectropolarimetric observations to directly characterise the magnetic fields of cool stars using Zeeman Doppler imaging. As part of the BCool project we are compiling the largest spectropolarimetric survey of the magnetic fields of cool stars yet undertaken, with over 200 cool stars observed from 2006 to the present. In this talk I will present cool star results from both BCool and BRITepol and discuss how the BRITepol observations can enhance the science being done by the BCool project.

*Speaker

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