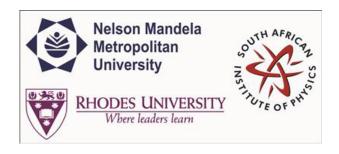
#### **SAIP2015**



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# Search for Extreme Metal-Poor Stars in the Edinburgh-Cape Blue Object Survey

Friday, 3 July 2015 10:00 (20 minutes)

## Abstract content <br/> &nbsp; (Max 300 words)<br/> dref="http://events.saip.org.za/getFile.py/atarget="\_blank">Formatting &<br/>br>>special chars</a>

The chemical abundances of the metal-poor stars provide the opportunity to investigate conditions in the early

universe, formation of the first stars and the processes that created the chemical elements observed today (e.g. Frebel et al. 2013, ApJ 786, 74). We aim to determine metal abundances of extreme metal-poor candidate stars, identified in the Edinburgh-Cape Blue Object Survey, using high resolution HRS spectra. Here we discuss the project in general, and show preliminary HRS spectra of one of our targets (EC04564-2629) taken during HRS perfomance verification phase.

### Apply to be<br/>br> considered for a student <br/> &nbsp; award (Yes / No)?

Yes

Level for award<br/>
-&nbsp;(Hons, MSc, <br/>
-&nbsp; PhD, N/A)?

MSc

### Main supervisor (name and email)<br/> -br>and his / her institution

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