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

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Abstract content
   (Max 300 words)
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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.

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Main supervisor (name and email)
and his / her institution

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