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## **BlueMUSE: a large-field IFU in the Blue / UV**

*Tuesday, 6 July 2021 12:40 (20 minutes)*

will introduce BlueMUSE, a blue-optimised, medium spectral resolution, panoramic integral field spectrograph proposed for the Very Large Telescope. The project is an evolution of the technology used on the very successful MUSE instrument, with a new and distinct science case enabled by its unique blue spectral coverage, together with a larger field of view and improved spectral resolution.

BlueMUSE will complement future facilities for a variety of science cases, from comets to the high redshift Universe.

I will present a few science cases which will in particular benefit from the strong synergies between BlueMUSE and the MAVIS instrument.

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**Session Classification:** Star clusters over cosmic time