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The Huntsman Telescope - a Canon lens array designed for low surface brightness imaging

Wednesday, November 3, 2021 12:00 PM (30 minutes)

In this talk I give an update about the Huntsman Telescope, a new astronomy observing system that makes use of an array of 10 Canon lenses to take images of extremely faint astronomical sources. Inspired by the Dragonfly Telephoto Array, the system is designed to better understand galaxy evolution through the study of low surface brightness structures. I'll describe the science motivation, show preliminary data, and give an update on how the commissioning of the system at Siding Spring Observatory, Australia. I'll also review other initiatives with Huntsman, including an sub-second transient detection mode. https://huntsman.space/

Presenter: Prof. SPITLER, Lee (Macquarie University, Australia)