## DESC workshop on cosmology with peculiar velocities, Marseille, 22-26/09/2025



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## **WALLABY**

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Observations of the Universe indicate that approximately 95% of its content consists of the enigmatic components known as dark matter and dark energy. Understanding the nature of these entities is crucial for elucidating the evolutionary history of the Universe and for testing the validity of General Relativity. One of the most promising approaches to achieving this understanding is through the measurement of the Universe's large-scale structure via galaxy surveys. This methodology constitutes one of the primary scientific objectives of the WALLABY survey. In this presentation, I will provide an overview of the WALLABY survey, covering its scientific objectives, research team and focus areas, current survey status, and potential future collaborations with LSST.

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Classification de Session: Plenary