

**IAA Severo Ochoa Meeting: Addressing Key Astrophysical  
Questions from Granada**  
18<sup>th</sup>-21<sup>st</sup> October 2022

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**“Incoming technological developments at Calar Alto”**

Astronomical observatories are living entities that need to be constantly modernized to remain at the forefront of modern astrophysics. This talk aims to explain the strategic plan of Calar Alto as ICTS for the period 2021-2024+. In this context, Calar Alto faces its future with the development of new instrumentation for the 3.5m telescope (TARSIS) and that with the legacy program CATARSIS will guarantee the scientific and technological success of this facility in the present decade.

Other programs such as MARCOT, which constitute new instrumental concepts that could revolutionize the way in which large aperture telescopes are conceived, have started to be explored at Calar Alto.