2nd TETIS Workshop



Contribution ID: 18 Type: not specified

Control Software at OATo: from stratosphere to space

Thursday 2 February 2023 14:45 (25 minutes)

In INAF-OATo we are consolidating our experience in design and development of control SW for different scientific instrumentation.

We are mainly focused on space missions, among them, Euclid in its final rush before launch, Athena and Ariel; but we are also involved in a stratospheric baloon-based experiment. In order to capitalize previous experiences and to optimize the effort facing so many challenging projects, the need arises for common tools, both for modelling and for sw development. On the other hand, lessons learnt in space missions can be usefully rescaled in the design of a smaller experiment.

In this presentation, I will share our experience, with an highligth on common needs between projects that are setting the roadmap of our research.

Primary authors: BONINO, Donata (Istituto Nazionale di Astrofisica (INAF)); AMADORI, Francesco (INAF); CORCIONE, Leonardo (Istituto Nazionale di Astrofisica (INAF)); LIGORI, Sebastiano (Istituto Nazionale di Astrofisica (INAF)); CAPOBIANCO, Vito (Istituto Nazionale di Astrofisica (INAF))

Presenter: BONINO, Donata (Istituto Nazionale di Astrofisica (INAF))

Session Classification: Space and Optical