

2nd TETIS Workshop



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The ASTRI Mini-Array on-site infrastructure startup system, monitoring collectors and the Telescope AIV software

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The ASTRI Mini-Array, consisting of nine Imaging Atmospheric Cherenkov Telescopes of the 4-m class, is an international project led by INAF. The first telescope of the array was installed at the Teide Observatory on Tenerife, in the Canary Islands, the second half of 2022. All needed site infrastructures, to host the telescope and the other eight that will arrive soon, have been built and accepted.

Here we report about the software that has been developed to collect monitoring points from the various infrastructure subsystems (Power, Networking, Computers, Time distribution system, CCTV cameras, Weather Stations, and Telescope Service Cabinets) and to support the AIV phase and the maintenance of each telescope. Finally, an on-site startup system, to switch-on and monitor the critical systems, has also been developed.

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