

## **i1WFT: An Integrated 1-M Class Wide-Field Telescope**

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We present a fully integrated system, based onto a 1-m aperture telescope, to perform fast-deployable, high-reliability, SSA deep observations. The optics is based onto a prime focus wide field configuration to increase target sensitivity and accuracy. Multi-spectral observations can perform target characterization. The system includes the telescope mount, the dome, the detector system, the dedicated softwares, to assist users in all the steps, from planning, scheduling, acquisition and data processing. The goal of the system is to evaluate collision probability based onto accurate orbital positional data, automatically generated by the system observations. User-customized solutions can be developed.