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3.8 SP-DART: Single-Photon Detection, Alignment and Reference Tool

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The SP-DART basically is a mini-SLR configuration, but without mount and receiving telescope. It is designed to use any host receive telescope. It uses tiny kHz lasers with 15 μJ per pulse, and is used for different applications: establishing a reference for SLR stations, verifying detector alignment in host telescopes for bi-static debris laser ranging, or using e.g. standard astronomy telescopes also as autonomous SLR stations for cooperative targets up to GNSS satellites.