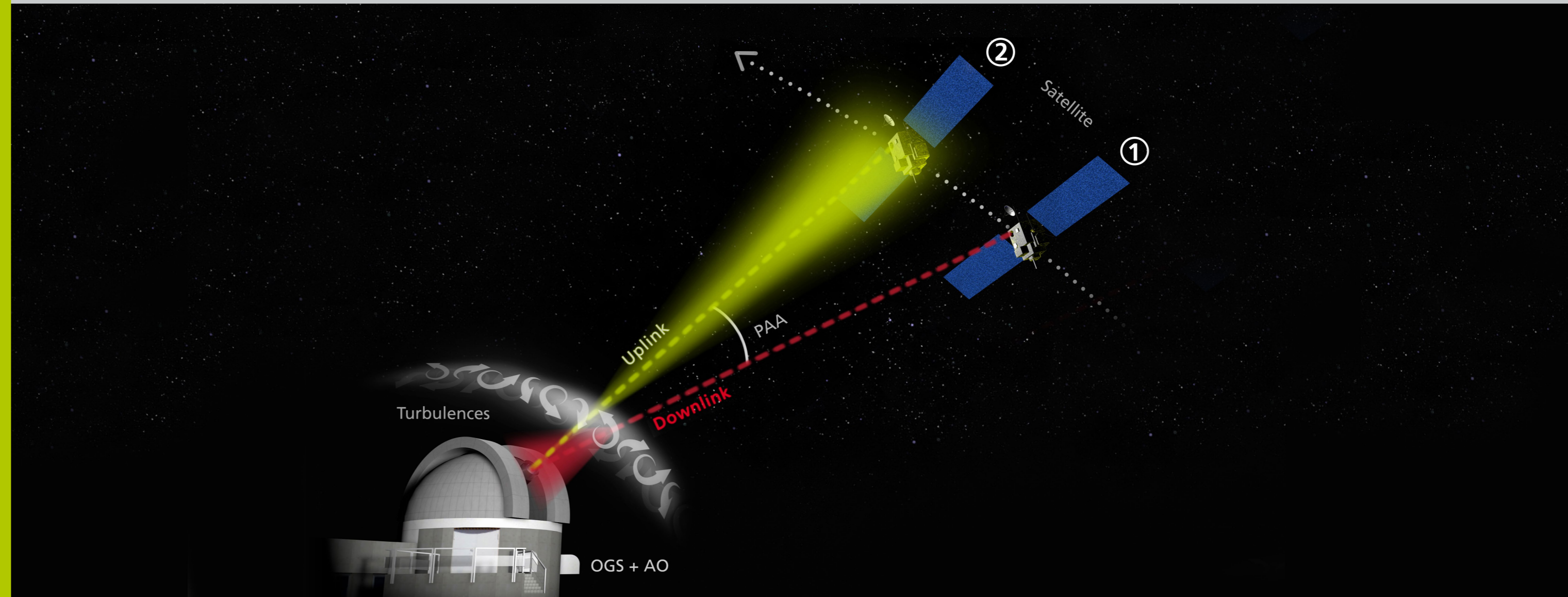


DEFORMABLE MIRRORS FOR VARIOUS APPLICATION



DEFORMABLE MIRRORS

The active manipulation of laser wavefronts in optical systems allows the specific improvement of the system characteristics. We promote adaptive-optical (AO) system designs. New solutions are currently being developed specially focused on AO pre-compensation for laser communication between an optical ground station and a geostationary satellite. These developments have been initiated within some StarTiger project (ESA funding).

Adapt the focus in a wide range

- High-power capable unimorph deformable mirror to pre-compensate for atmospheric turbulence in optical communication applications such as Earth-Geo feeder links and intra-city links
- Large aperture 210 x 230 mm² deformable mirror to compensate for static and dynamic aberrations in high power facilities

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