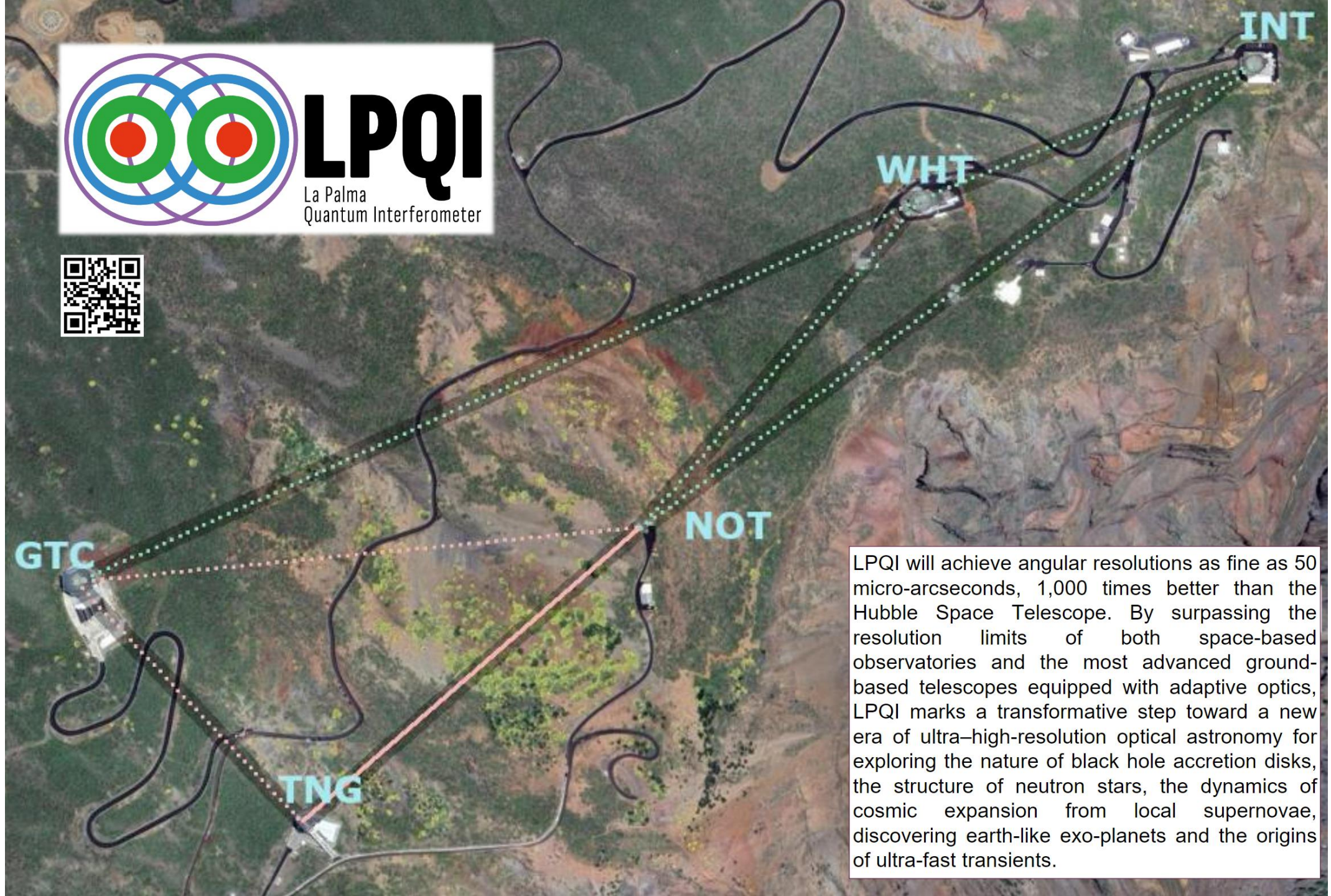


LPQI

La Palma
Quantum Interferometer



LPQI will achieve angular resolutions as fine as 50 micro-arcseconds, 1,000 times better than the Hubble Space Telescope. By surpassing the resolution limits of both space-based observatories and the most advanced ground-based telescopes equipped with adaptive optics, LPQI marks a transformative step toward a new era of ultra-high-resolution optical astronomy for exploring the nature of black hole accretion disks, the structure of neutron stars, the dynamics of cosmic expansion from local supernovae, discovering earth-like exo-planets and the origins of ultra-fast transients.