

Physics — Using space as the optimum long-distance laboratory

Observation —

Interferometric, multi-aperture quantum detectors

Mission —

Space qualification of novel technologies

Communications —

High speed ultra-secure global network

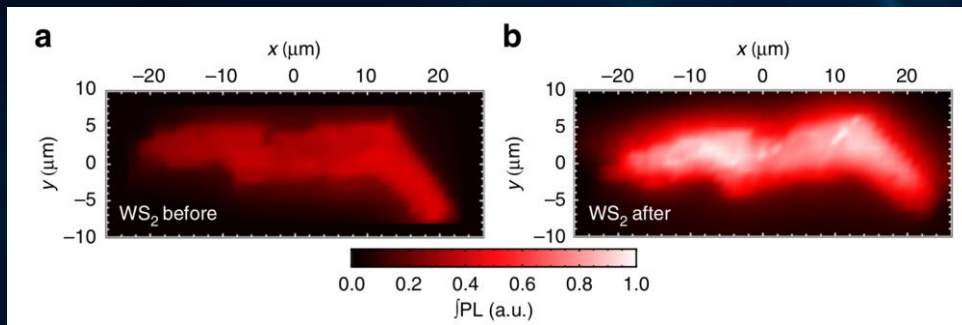
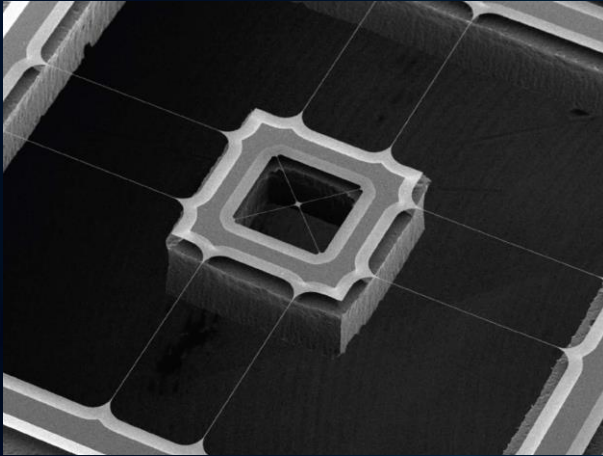
Sensor —

Opto-mech, atomtronic, integrated quantum sensors



Some Examples

Quantum Space Sensors and Materials



Bright Laser Quantum Communications



ARC Centre of Excellence for Space Instrumentation and Communications



CSIRO, ASA, DST, DLR (Germany), NICT
(Japan), ESA,
NASA (JPL, Glenn, Goddard)
+ 14 other international partner research
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