Abbreviations

AD	Amplitude Damping
ADC	Analog to Digital conversion
APD	Avalanche Photo Diode
ATP	Acquisition, Tracking, and Pointing
CBRSP	Controlled Bidirectional Remote State Preparation
CPBS	Controlled Polarizing Beam Splitter
CR	Collective Rotation
CV	Continuous Variable
DCM	Digital Clock Manager
DPS	Differential Phase Shift
DSQC	Deterministic Secure Quantum Communication
DV	Discrete Variable
EPR	Einstein-Podolsky-Rosen
FoV	Field of View
FPGA	Field-Programmable Gate Array
FSO	Free Space Optical
FWHM	Full Width at Half Maximum
GEO	Geosynchronous Orbit
GHZ	Greenberger-Horne-Zeilinger
GPS	Global Positioning System
LAGEOS	Laser Geodynamics Satellite
LEO	Low Earth Orbit
LOCC	Local Operations and Classical Communication
MEO	Medium Earth Orbit
MLRO	Matera Laser-Ranging Observatory
MM	Message Mode
NIR	Near Infrared
OGS	Optical Ground Station
PD	Phase Damping
PLL	Phase-Locked Loop
PNS	Photon Number Splitting
PRBS	Pseudo Random Bit Sequence
QBER	Quantum Bit Error Ratio
QCECT	Quantum Controlled Error Correction Teleportation
QKA	Quantum Key Agreement
QKD	Quantum Key Distribution
QD	Quantum Dialogue
QSDC	Quantum Secure Direct Communication
SDC	Secure Direct Communication
SGAD	Squeezed Generalized Amplitude Damping
SNR	Signal to Noise Ratio
SOCRATES	Space Optical Communications Research Advanced Technology Satellite
SOTA	Small Optical Transponder
UHF	Ultra High Frequency
WCP	Weak Coherent Pulse