

Lunar Laser Ranging (LLR) provides many of our best tests of gravity today. These include tests of the strong equivalence principle, the time-rate-of-change of Newton's gravitational constant, gravitomagnetism, geodetic precession, the inverse square law, preferred frame effects, and others. The LLR enterprise is still vigorous, having recently recovered the lost Lunokhod 1 reflector, and despite strong evidence for reflector degradation. This talk will review the science observables and provide an update on the present status and near-future prospects for the field.