



Magnetic Investigation on the Space IL Lunar Lander

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The SPACEIL Institute has built, tested, and is expected by the time of EGU meeting to have launched a mission to land on the Moon. This mission carries two scientific investigations: a magnetic fields investigation and a laser reflector. The magnetometer on the lander was built by the engineers and scientists at the University of California, Los Angeles, using heritage designs from the ST-5 Mission, using a robust design with low mass, high sensitivity and low noise. The goal of the investigation is to measure the crustal magnetic field on the lunar surface to constrain the lifetime of the lunar dynamo. First results from the lunar surface from the lander will be presented if available at the time of the meeting.