

## Geodesy, Dynamics, and Fundamental Physics from Lunar Landers – An Introduction to the Session

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### Abstract

Lunar robotic landers make excellent platforms for research in Lunar science as well as fundamental physics. The Fundamental Physics Roadmap Advisory Team (FPR-AT) of ESA has convened in order to draw up recommendations on the scientific and technological roadmap necessary to lead Europe toward the realization of future space missions in the framework of the Cosmic Vision 2015-2025 plan in the field of fundamental physics.

Among several mission options, geodetic experiments on the Lunar surface have been identified as possible mission contributions. The workshop will combine oral presentations and discussions and is intended to bring together experts in the engineering aspects of Lunar landers, Laser ranging and radio tracking, in addition to experts in Lunar geodesy, Lunar physics, and fundamental physics. We shall develop science and instrument requirements for experiment packages on Lunar landers.