

MoonLIGHT-2 x 2026

Objective: launch of ‘first’ MoonLIGHT+MPAc (...yet ‘second’ next generation lunar retroreflector...) to the Moon and continuation of data taking/analysis.

- **2025 Results:**

- Landing of NGLR-1 (MoonLIGHT with Fixed Pointing) on the Moon.
- Success of NGLR-1 (very low dispersion, high rate of returns).
- European Lunar Symposium 2025 (<https://sservi.nasa.gov/els2025/>).

- **2026 Objectives:**

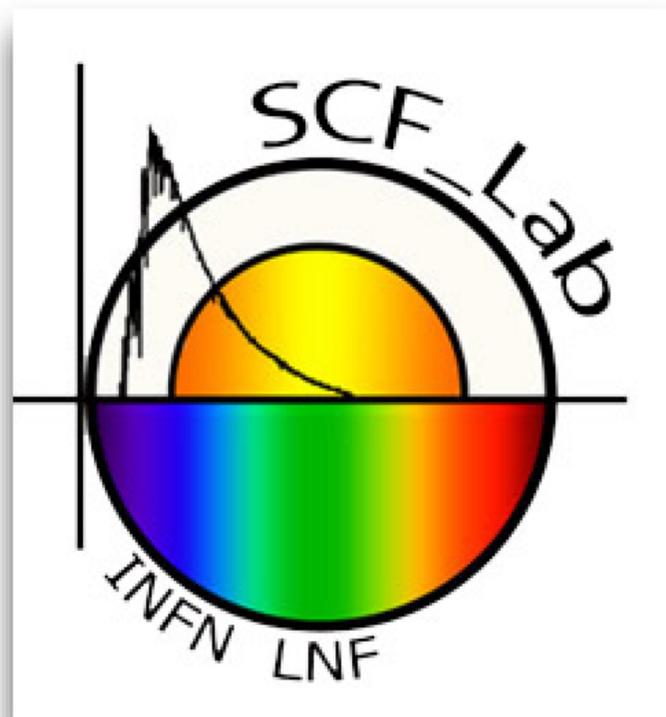
- Launch of the ‘first’ MoonLIGHT+MPAc to the Moon.
- Continuation of data taking/analysis.
- European Lunar Symposium 2026.

The composite image consists of two parts. On the right is a presentation slide from the University of Maryland with the title "EARLY RANGING RESULTS to the NEXT GENERATION LUNAR RETROREFLECTOR" by Professor Douglas Currie. The slide lists several collaborators from various institutions including UMD, JPL, INFN-LNF, and NASA. On the left is a histogram showing a distribution of data points with a dashed red normal distribution curve overlaid, indicating the precision of the ranging results.

The banner features a photograph of a person on a bicycle in a European town square at night, with a church spire visible in the background. To the right, the text reads "EUROPEAN LUNAR SYMPOSIUM" in large white letters, with "MÜNSTER GERMANY 2025" and "22-27 JUNE" below it.

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- **FTE (LNF):** G. Bargiacchi (100%), G. Bellettini (50%), G. Bianco (50%), S. Dell'Agnello (100%), M. Maiello (100%), L. Porcelli (50%), R. Vittori (50%), ...
- **Richieste CSN2 2025 (overall, TBD):** ~~missioni 20k, consumo 5k, altri cons 5k, inventario ...k, license SW ...k, apparati ...k, servizi ...k~~
- **Richieste LNF 2025 (mesi-uomo):** richieste fatte dal Joint Lab
- **Fondi Esterni:** Joint Lab INFN-Frascati with ASI-Matera, 1.5 MEuro; ESA Contract for Pointing Actuator (MPAc), 500kEuro