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**New results for the INPOP lunar ephemerides : new modelings for the inner structure and IR LLR data.**

We present here the new results obtained based on the new version of the INPOP lunar ephemerides, comparable to DE430. New IR data obtained at the Calern station are used. These data better-sample the reflectors and we show what is the impact of the new dataset on the improvement of the internal structure of the moon.