

小型月着陸実験機SLIMによる科学観測

Scientific observation plan for Smart Lander for Investigating Moon mission

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Main objective of Smart Lander for Investigating Moon (SLIM) mission is to develop and demonstrate technology of high-precision landing on the Moon, which enables us to explore not only the Moon but the other planetary body with gravity. This mission is planned to land on the lunar surface within a hundred meters from the pre-fixed destination, and it is extremely attractive for landing site dependent study themes. Therefore, although weight and other resource budgets are very limited for this mission because the mission aims to develop a challenging light weight and small lander, possibility of a payload have been discussed recently within that strict resource budgets for adding extra result to the mission. Around 20 instruments were proposed for the mission as the results of efforts of instrument team members and candidate instruments and candidate objectives were identified. In this presentation, the candidate instruments and their objectives will be discussed with the information of current status the mission.

キーワード：月、SLIM、高精度着陸

Keywords: Moon, SLIM, high-precision landing