

The Science Objectives of SELENE-II Landing Mission of the Moon

S.Tanaka(1), T.Okada(1), T.Hashimoto(1), K.Matsumoto(1), H.Shiraishi(1) and A.Fujimura(1)

(1) ISAS/JAXA

SELENE-II mission is now in the concept design phase(Pre Phase-A) and will proceed to Phase-A in the near future. The detailed configuration of the space craft is still under discussion, but the concept of this mission was defined as basically a "landing mission" on the moon. We have investigated the science objectives by this mission so far. Not only the in-situ geological observation at the landing site, we recognized that the investigation of the internal structure must be taken as the important science goal as well. We have started to develop some instruments and also started international collaborations in order to realize this effectively and efficiently.