
PPS003-04

Room: 201A

Time: May 24 09:42-09:54

Ages and stratigraphy of impact basins on the lunar farside

Tomokatsu Morota^{1*}, Junichi Haruyama¹, Makiko Ohtake¹, Tsuneo Matsunaga²,
Yasuhiro Yokota¹, Yoshiaki Ishihara³, Satoru Yamamoto², Hiroshi Takeda⁴

¹ISAS/JAXA, ²NIES, ³NAOJ, ⁴Chiba Inst. Tech.

Dating of lunar impact basins is necessary to place constraints on the cratering history on the early Moon. In this study, we performed new crater size-frequency measurements in order to investigate ages and the stratigraphy of lunar farside impact basins.

Keywords: moon, impact basin, lunar farside, cratering chronology, Kaguya, SELENE