

2.3

NAME Gang Zhao, Xuhua Zhou, Kai Li
EMAIL zhaogangbuaa@sina.com
SESSION Session 2: Performance evaluation
TYPE Presentation
TITLE Orbit determination and SLR evaluation of China's space laboratory

ABSTRACT

SLR has been taken as an important tracking technique for satellite engineering in China such as Beidou navigation constellation in GEO/MEO, Haiyang-2A oceanographic satellite and APOD experimental satellites in LEO, and has also been included in a series of follow-up planning. China's space laboratory has also incorporated into Chinese regional SLR scheduling. Dynamic and reduced dynamic orbit determination strategies of China's space laboratory based on space-borne GPS are presented. The role of SLR in orbit accuracy validation and the performance evaluation of regional SLR tracking network are discussed.