

SMALL SATELLITE MISSIONS SYMPOSIUM (B4)  
Small Space Science Missions (2)

Author: Mr. JONG-OH PARK

Korea Aerospace Research Institute (KARI), Korea, Republic of, jopark@kari.re.kr

STSAT-3 (SCIENCE & TECHNOLOGY SATELLITE-3) SATELLITE MISSIONS

**Abstract**

The STSAT (Science and Technology SATEllite) program, sponsored by the Government of Korea, was taken over the space and earth science experiments and advanced technology validations from 1999. The first step in this STSAT program, STSAT-1, was launched in 2003 and has provided the valuable space observation data, such as ultraviolet rays. Following on this successful program, the 2nd satellite, STSAT-2 was developed from 2003, is now ready to launch by the first Korean Launcher, named as KSLV-1(Korea Space Launch Vehicle) at the end of 2009 at Korea. This paper will present the objectives of the STSAT-3 satellite, its organization and describe its missions. Furthermore, a summary of the STSAT satellites program will also be presented including its objectives and implementations.