

Strategies and aims of Taiwan space program and scientific results derived from FORMOSAT 1~3

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FORMOSAT 1~3 is a series of small satellite missions developed under the guide of of first stage plan of a 15 year **Space Technology Long Term Developmental Program** in Taiwan and these satellites were launched successfully respectively and gained fruitful scientific outcomes. The second phase Space Technology Long Term Developmental Program was approved in December 2002. The entire plan scheduled for 15 years; from 2004 to 2018. The second phase space program will continue the performance of the first phase space program. The execution strategy will focus on meeting Taiwan's national needs, carrying out satellite programs, promoting academic research and industrial development, improving Taiwan's overall space technology development capacity, and developing added value to the domestic industry. 1~2 small satellites, 2~4 micro-satellites missions and several sounding rocket experiments were drew up in this plan. In this talk, the scientific achievement for FORMOSAT 1~3 will be presented. The strategy and the current plan of Taiwan 2nd phase space program will be covered, too. We hope to seek international collaboration of both science and engineering in the future.