

2007 JUSTSAP Symposium Report

Special editorial counselor for SJR

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2007 JUSTSAP (Japan-U.S. Science, Technology & Space Applications Program) Symposium was held from Nov.12 to Nov.15 at Waikoloa Marriott Hotel in Hawaii Island. This Symposium was held annually to exchange opinions and information regarding to cooperation in science, technology and space developments between Japan and U.S. and is the 17th symposium since it started in 1990. 21 people from Japan and 65 people from U.S. attended. It is usual that U.S. participants are larger than Japan because the attendees from the Hawaii islands are more than a little. This year's main theme was "Expanding International Collaboration for Space Exploration" and discussions and information exchange were done in following five main field.

- (1) PISCES (Pacific International Space Center for Exploration System) ,
- (2) Commercial opportunities for the International Space Station,
- (3) Innovative space energy systems,
- (4) The design and promotion of advanced satellites for communications and earth observation,
- (5) Robotic precursor missions to our moon and Mars,

Opening Ceremony was held in the first day. The picture shows the JUSTSAP Chairman, Dr. Stephene Day making opening address.



Opening Ceremonies

Five project team meetings each relating to the above main fields had started in the second day.

In the satellite related project team, the status of the WINDS project (WINDS: Wideband InterNetworking engineering test and Demonstration Satellite) and a plan of application experiment using WINDS by PEACESAT project of the University of Hawaii were reported. Also possibility of a collaboration

regarding to broadband satellite communication using WINDS and HughesNet was discussed. Relating to the PISCES project, a data archive system for future Luna and Mars base and communication links to earth stations were discussed as a future possible collaborative study theme.

In the last day, each project teams made their report and the steering committee members proposed 2008 JUSTSAP plan. All reports and the plan were approved in the closing plenary session by every participants and the symposium was successfully closed.



Pools of the Hotel