



CASPER



Baylor University and CASPER present:

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An International Scientific Micro-satellite: RISESAT Missions and System Design

The Rapid International Scientific Experiments Satellite (RISESAT) is a 50kg-class microsatellite for international scientific missions funded by the Japanese Cabinet office. It can gather up-link data packets from transmission terminals spread on the Earth's surface for monitoring of environmental markers like carbon in the air or in water.

Tohoku University is responsible for the design and development of the satellite system together with Japan-wide research institutions. Based on the experience obtained through past satellite projects, Tohoku University is now developing and integrating the Engineering Model of the RISESAT. The launch of the RISESAT is planned in the second half of 2013.

In this talk, Dr. Kuwahara will introduce the RISESAT project, then discuss the scientific missions and the system design.

***Friday, February 10, 2012, 4:00 PM
Baylor Sciences Building, Room D.110***

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