

# A U.S. – Japan Workshop on the Tropical Tropopause Layer: State of Current Science and Future Observational Needs

October 15 – 19, 2012

East-West Center, Honolulu, Hawaii

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PURPOSE: The workshop will provide a review of the state of TTL science, key questions, and measurement/analysis techniques. Discussion will focus on key science questions, and try to understand how they map into upcoming observational campaigns, as well as how the campaigns can be coordinated. We seek to include (a) topical experts (b) students (c) investigators in planning observational campaigns in the TTL. The agenda will include a mix of invited lectures, discussion, and synthesis of key science questions and observational strategies.

PARTICIPANTS: Current and future experts in the scientific issues related to the TTL. Registration is limited. Contact the organizing committee with your interest in participating. Although funded participants from the U.S. and Japan will have first priority, attendees from other countries with interest in the subject matter of the workshop are welcome.

## TENTATIVE AGENDA:

Day 1: TTL Structure, Past Observations, and Historical Perspective

Day 2: Critical TTL Questions

Day 3: TTL Measurements and Modeling Mapped to Questions

Day 4: Observational Plans for 2013 – 2015

Day 5: Coordination and Planning; Action Items and Future Work.

WORKSHOP PROCEEDINGS: Presenters will be asked not just to provide their research presentation, but also to provide (a) a tutorial presentation with the background material necessary to understand it and (b) an enhanced reference list for future exploration of the topics in the presentation. Thus, each presentation will be archived as three documents: the tutorial, the references, and a video of the presentation itself. These documents will be collected as a “web book” on the TTL and made freely available using the Berkeley Press Digital Commons online server system.

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MORE INFORMATION: See the conference website – <http://physics.valpo.edu/ttlworkshop>



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