



International Spaceborne Imaging Spectroscopy Technical Committee

*Andreas Müller, Uta Heiden, DLR
Cindy Ong, CSIRO*

**July AdCom
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Recent Activities

- Updated webpage with current information
- Sent out ISIS news to Imaging Spectroscopy community to
 - provide information on ISIS
 - advertise IGARSS ISIS special sessions and TC meeting
 - update ISIS member list
- Finalized IGARSS ISIS special sessions
- Distribute agenda on TC meeting to ISIS members





I:33 International Spaceborne Imaging Spectroscopy Missions: Updates and News (Full Session)

- *SHALOM: AN ITALIAN- ISRAELI HYPERSPECTRAL ORBITAL MISSION – UPDATE*
- *PROGRESS IN CHINESE SATELLITE HYPERSPECTRAL MISSIONS*
- *GLOBAL MAPPING OF TERRESTRIAL VEGETATION PHOTOSYNTHESIS: THE FLUORESCENCE EXPLORER (FLEX) MISSION*
- *THE ENMAP MISSION – UPDATE*
- *EARLY RESULTS OF PRISMA PAYLOAD TEST CAMPAIGN*
- *THE FRENCH EO HIGH SPATIAL RESOLUTION HYPERSPECTRAL DUAL MISSION HYPXIM – AN UPDATE*
- *CONCEPT STUDY OF CANADIAN HYPERSPECTRAL*
- *CURRENT STATUS OF HYPERSPECTRAL IMAGER SUITE (HISUI)*
- *HYSPIRI UPDATE: MISSION STATUS, PREPARATORY AIRBORNE CAMPAIGN, AND SYNERGIES WITH FUTURE LAND AND AQUATIC IMAGING*
- *EO-1/HYPERION: NEARING FOURTEEN YEARS OF SUCCESSFUL MISSION SCIENCE OPERATION AND END OF MISSION PLANS*





I:7 Calibration and Validation and Standards In Support of Spaceborne Imaging Spectroscopy Missions

- INSTRUMENT DEVELOPMENT STATUS AND PERFORMANCES OF HYPERSPSCTRAL IMAGER SUITE (HISUI) –ONBOARD DATA CORRECTIONS
- ENMAP DATA PRODUCT STANDARDS
- CALIBRATION DEMONSTRATION SYSTEM FOR AN IMAGING SPECTROMETER TO PROVIDE CLIMATE-QUALITY REFLECTANCE
- CALIBRATION AND VALIDATION FOR INTERNATIONAL SATELLITE IMAGING SPECTROSCOPY MISSIONS: AUSTRALIA’S CONTRIBUTION
- CONCEPT FOR ENMAP POST-LAUNCH PRODUCT VALIDATION AND INSTRUMENT CHARACTERISATION ACTIVITIES
- IMAGING SPECTROSCOPY VALIDATION ACTIVITIES UNDER THE AUSTRALIAN TERRESTRIAL ECOSYSTEM RESEARCH NETWORK – TERN
- HISUI VICARIOUS CALIBRATION AND CAL/VAL ACTIVITIES
- CONTINUED EO-1 HYPERION CALIBRATION PERFORMANCE
- LESSONS LEARNED FROM EO-1 CALIBRATION ACTIVITIES
ADVANCED LAND IMAGER (ALI) BAND MISREGISTRATION IMPACT ON SPECTRAL INDICES RADIOMETRIC STABILITY OF LUNAR TEST SITES BASED ON HYPERION OBSERVATIONS
- ENMAP RADIOMETRIC INFLIGHT CALIBRATION





Agenda ISIS TC Meeting

Wednesday, July 16, 17:30 – 18:30, Room: 2104-AB

**Review and Refinement of Objectives of ISIS
Hyperspectral Activities on board the ISS
Proposed New Actions for the ISIS TC**

Harmonization of Data Level

Compilation of existing glossaries

Consolidation of Cal/Val Sites

Development of cross-calibration concept





Summary

- Updated website content and communicated with TC membership
- Two 10-paper sessions organized at IGARSS'14
 - International Mission Activities
 - Calibration/Validation Activities
- ISIS TC Meeting on Wednesday after sessions

