



DLR Agency Report

Albrecht von Bargaen

DLR Space Administration

Agenda Item Agencies' Report

WGCV Plenary # 41

Tokyo

September 5-7, 2016

Working Group on Calibration and Validation





- At-a-glance presentation on Wednesday morning about TanDEM-X
- Re-call about current and future missions
- Current missions
 - TerraSAR-X / TanEM-X: see presentation of Manred Zink (DLR HR)
 - GRACE (will be presented next meeting to more extent)
 - RapidEye (-> PlanetLabs)
- Future Missions
 - EnMAP: under implementation; launch date in 2019
 - Merlin: Phase C, to be launched in 2019
 - MetImage Phase C0, to be launched on MetOp SG (2021)
 - HRWS High Resolution Wide Swath X-SAR: (mid 20ies)
 - Presentation about Calibration and Validation plans shortly in advance to the missions



- Validation activities
- Participation in European activities
 - Sentinel 5P: CINDI-2, FRM4GHG, FRM4DOAS, AROMAT, and others
 - FLEX: HYPER, SOYFLEX
 - Cal/Val activities in preparation of ADM (WindVal II) / EarthCARE (EPATAN) including DLR HALO and FALCON aircraft (and ONERA Falcon) („High Impact Weather“)
 - Premier: GWEX (GLORIA 1D measurements)
 - Support to FIREX (Sentinel-3 fire radiative power product validation)
- Coming National Validation Activities
 - ESA’s Earth Explorer ADM / Aeolus (Aircraft demonstrator system @ DLR)
 - In preparation: Activities for ESA / JAXA Earth Explorer EarthCARE
 - Sentinel 5 Precursor
 - ▶ TCCON / NDACC related to GHGs
 - ▶ Airborne DOAS systems



- SAR Edu:
A DLR Initiative for education of EO community to make use of SAR data
- In support to WGCapD

CEOS WCapD SAR Training Workshop

October 10-14, 2016

Lusaka, Zambia

Host: University of Zambia & National Remote Centre of Zambia

