

**Working Group on Calibration and Validation**

**CEOS WGCV #44, Darmstadt, Germany**

 **Hosted by EUMETSAT**

 **August 28-31, 2018**

**Agenda**

 **Version Final, August 31, 2018**

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| **Monday, August 27, 2018** |
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| *WGCV Attendees Arrivals and Microwave Subgroup Meeting* |
|  | **WGCV Business** |  |
|  | Chair available for splinters and pre-meetings |  |
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| *13:00    Convene* |
|  | **Microwave Subgroup Meeting** |  |
| 13:05 | Meeting Welcome | *X. Dong* |
| TBD | Meeting adjourns |  |
|  | Contact Microwave Subgroup Chair to inquire about attendance*All attendees to MWSG meeting must be registered for WGCV-44 or directly work with EUMETSAT to ensure access to meeting* |  |

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| **Tuesday, August 28, 2018** |
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| 08:30   Registration*09:00   Convene* |
|  | **WGCV Business and Meeting Introduction** |  |
| 09:00 | Chair/Vice Chair welcome and opening | *K. Thome/C. Ong* |
| 09:15 | Tour de table | *All* |
| 09:30 | Logistics |  |
| 09:45 | Overview of EUMETSAT | *B. Bojkov* |
| 10:15 | Meeting overview, goals, and agenda approval | *K. Thome* |
| *10:30   Break* |
| 10:45 | WGCV Chair’s Report  | *K. Thome* |
| 11:15 | JAXA Agency Report and Vice Chair goals | *A. Kuze* |
| 11:45 | CEOS Executive Officer Report | *S. Hosford* |
|  | CEOS 2019-2021 Work Plan |  |
| *12:30   Lunch* |
| 13:30 | Addressing GHG validation in WGCV | *A. von Bargen* |
| 13:45 | Greenhouse gas reference standards for interoperability | *A. Kuze* |
| 14:15 | Cal/Val for greenhouse gas observation spectrometers | *A. Kuze* |
| 14:30 | RadCalNet status | *N. Fox* |
| 14:45 | Site classifications, definitions, and updates to Landnet | *K. Thome* |
| 15:00 | DEM Update and Discussion | *K. Thome* |
| *15:30   Break* |
| 15:50 | Communicating Terminology and definitions | *All* |
|  | **Subgroup reporting** |  |
| 16:10 | IVOS Subgroup Report | *N. Fox* |
| 16:30 | LPV Subgroup Report | *M. Roman* |
| 16:50 | MW Subgroup Report | *X. Dong* |
| 17:10 | SAR Subgroup Report | *B. Chapman* |
| *17:30   Adjourn**Icebreaker at EUMETSAT*  |

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| **Wednesday, August 29, 2018** |
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| *9:00    Convene* |
|  | **WGCV Business** |  |
| 09:00 | Day 1 Summary | *K. Thome* |
|  | **GSICS/WGCV Interactions** |  |
| 09:15 | Overview of Cal/Val activities at EUMETSAT | *J. Ackermann**D. Coppens**D. Just**T. Hewison* |
| 10:00 | GSICS/WGCV linkages  | *K. Thome* |
| 10:15 | L1 top-of-atmosphere interoperability | *N. Fox* |
| *10:30   Break* |
|  | **WGCV Interactions with other CEOS Virtual Constellations** |  |
| 10:45 | Recent activities of Atmospheric Composition VC | *J-C Lambert* |
| 11:05 | Recent activities of Ocean Colour Radiometry VC | *E.Kwiatkovska*  |
| 11:20  | Recent activities of Ocean Surface Topography VC | *R. Scharroo* |
| 11:35 | Recent activities of Ocean Surface Vector Wind VC | *S. Linow* |
| 11:50  | Recent activities of Sea Surface Temperature VC  | *A. O'Carroll*  |
| 12:05 | Discussion of possible collaborative efforts with WGCV | *All* |
| *12:30   Lunch* |
|  | **WGCV Interactions with other CEOS Virtual Constellations** |  |
| 13:30 | Calibration/Validation of SAR and reflectance ARD products | *M.Thankappan* |
| 14:15 | WGCV/ LSI-VC ARD product assessment process  | *S. Hosford* |
| 14:45 | Proposed WGCV CARD4L assessment process | *K. Thome* |
| *15:15   Break* |
|  | **Agency Reports** |  |
| 17:15 | BelSpo | *J-C Lambert* |
| 17:30 | CNES | *A. Meygret* |
| 17:45 | ESA | *P. Goryl* |
| *17:45   Adjourn* *Dinner TBA Hosted by EUMETSAT* |

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| **Thursday, August 30, 2018** |
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| *9:00    Convene* |
|  | **WGCV Business**  |  |
| 08:50 | Day 2 Summary | *K. Thome* |
|  | **WGCV Work Plan Status** |  |
| 09:10 | WGCV Work Plan Actions | *K. Thome* |
|  |  -CARD4L-branded specification documents |  |
|  |  -Data product formats to facilitate interoperability |  |
|  |  -Long-term plans for Moderate-Resolution Interoperability |  |
|  | **Agency Reports**  |  |
| 09:30 | CSIRO | *C. Ong* |
| 09:45 | GA | *M.Thankappan* |
| 10:00 | ISRO | *A. Misra* |
| 10:15 | NASA | *X. Xiong* |
|  | **WGCV Interactions with other CEOS Working Group** |  |
| 10:30 | WGClimate summary of recent activities | *J. Schultz, .A. von Bargen* |
| *10:45   Break* |
| 11:00 | Summary of WGCV/WGISS interactions from WGCV-43 | *K. Thome* |
| 11:10 | Data Formats and Interoperability in the framework of FDA | *M. Thankappan*  |
| 11:30 | Quality Indicators in Discovery Metadata | *N. Fox* |
| 11:50 | CEOS Data Cubes & Test Site Data Access | *G. Stensaas* |
| 12:10 | Standardization and Best Practices (e.g. ISO 19159-3) | *C.Ong* |
| *12:30   Lunch* |
|  | **Calibration/Validation Updates** |  |
| 13:15 | Overview of FY-3D commissioning test | *X. Hu* |
| 13:30 | Cal/Val for FY-3D Microwave sensors (MWTS/MWHS/MWRI) | *Q. Lu* |
| 13:45 | CMA FY-3D/HIRAS calibration and validation | *C. Qi* |
| 14:00 | FY-3D/MERSI-II commission test | *N. Xu* |
| 14:15 | Post-launch Calibration and Data Quality Assessment of Chinese High-Resolution Satellites | *L. Ma/S. Qiu* |
| 14:30 | Sentinel-5p MPC Operational Validation Facility | *J-C Lambert* |
|  | **WGCV Business** |  |
| 14:45 | Cal/Val Portal update | *P. Castracane* |
| *15:30   Break* |
| 16:45 | Collaborative Environments for Cal/Val | *A.Della Vecchia* |
|  | **Agency Reports** |  |
| 17:15 | USGS | *G. Stensaas* |
| 17:30 | AOE | *C. Li* |
| 17:45 | NSSC | *X. Dong* |
| *18:00   Adjourn* |

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| **Friday, August 31, 2018** |
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| *8:45    Convene* |
|  | **WGCV Business** |  |
| 08:30 | Day 3 Summary | *K. Thome* |
| 08:45 | Carbon Actions related to Biomass | *K. Thome/M. Roman* |
| 09:15 | Results from a National Remote Sensing Validation Workshop and DLR agency report | *A. von Bargen* |
| 09:45 | Update on Pre-launch calibration workshop | *N. Fox/A. von Bargen* |
| 10:00 | ACSG Subgroup Report including GHG discussion | *B. Bojkov* |
| 10:15 | Vice Chair nomination and voting | *All* |
| *10:30   Break* |
| 10:45 | ACIX final report | *P. Goryl/A. von Bargen* |
| 11:00 | Cloud Mask Task Group and CMIX | *P. Goryl* |
| 11:15 | Continental scale surface reflectance validation | *M. Thankappan* |
| 11:45 | Closure of WGCV actions (CV-01; CV-09; CV-13; CV-16) | *K. Thome* |
|  | Action item summaries update | *K. Thome*  |
| 12:00 | Announcement of election results | *K. Thome* |
| 12:15 | Meeting summary | *K. Thome* |
| 12:30 | Future Directions and Meetings | *C. Ong* |
| 12:45 | Chair hand-over | *K. Thome* |
| 12:45 *Adjourn* |