Dear all,

Please see below the draft agenda of the CEOS-ACC-12 meeting.

As communicated earlier (see also <http://ceos.org/meetings/ac-vc-12>) the meeting will take place in Seoul, Korea, October 13-14, 2016, and will be held back-to-back with the 7th GEMS Science Team Meeting following the overall schedule

* October 10th – 11th: GEMS science algorithms, instrument development, and GEMS applications
* October 12th: Tutorial lectures (entire day), GEMS algorithm review (few people)
* October 13th: CEOS ACC-12 Meeting Half-day sessions on Air Quality Constellation, Ozone Trends,
* October 14th: CEOS ACC-12 Greenhouse Gas Constellation, CEOS-ACC side meetings
* October 15th: Possible Seoul group tour or other activity

The attached tables show the draft agendas of the thematic sessions on the 13th and 14th. We would like to thank all of you who have already confirmed to present. **If your name is on our TBC wish list, please let us know asap whether you can present. If you cannot make it we would appreciate if you could help finding an alternative speaker.**

On October 14, there is room for side meetings. One side meeting is dedicated to the “Geostationary Satellite Constellation for Observing Global Air Quality: Geophysical Validation Needs”. **If you would like to take the opportunity and organise an additional side meeting on a topic relevant to ACC please let us know asap.**

If you are planning to attend and have not yet registered, please click on the blue “register” button at <http://ceos.org/meetings/ac-vc-12>. On this page you will also find hotel and travel information. Note that room blocks are being held thru September 5.

Kind regards,

Ben Veihelmann ESA co-chair ACC

Jay Al-Saadi NASA co-chair ACC

**Draft agenda ACC-12, 13 Oct 2016**

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| **Topic** | **Presentation** | **Speaker** | **Duration** | **Start** |
| ACC-12 Opening | Welcome and Opening remarks | Dr. J.H. Hong, NIER & Jay Al-Saadi, NASA | 10 min | 9:00 |
| AQ-Constellation, chair J. Al-Saadi, B. Veihelmann | Mission Overview GEMS | Jhoon Kim, Yonsei University | 15 min | 9:10 |
| Mission Overview Sentinel-4 | Ben Veihelmann, ESA | 15 min |  |
| Mission Overview TEMPO | Kelly Chance, SAO | 15 min |  |
| Mission Overview Sentinel-5 Precursor | Pepijn Veefkind, KNMI | 15 min |  |
| Mission Overview GaoFen-5 | Liangfu Chen, CAS | 15 min |  |
| Japanese AQ missions and activities | Yasko Kasai, NICT | 15 min |  |
| Role of IR observations in AQ constellation | Cathy Clerbaux, LATMOS/IPSL | 15 min |  |
| Coffee break |  |  | 30 min | 10:55 |
| AQ-Constellation, chair J. Al Saadi, B. Veihelmann | Sentinel-5 Precursor Validation Plan Approach | Thorsten Fehr, ESA | 15 min | 11:25 |
| KORUS-AQ campaign: Overview and Status | Limseok Chang, NIER & Jay Al-Saadi, NASA | 15 min |  |
| CINDI-2 campaign: NO2 inter-comparison | Michel Van Roozendael, BIRA | 15 min |  |
| Pandonia ground based network | Alexander Cede, Luftblick / Michel Van Roozendael, BIRA | 15 min |  |
| US federated approach to co-locate ground based measurements with existing EPA core sites | Russell Long, US EPA | 15 min |  |
| Ground based reference measurements covering Asia | TBC | 15 min |  |
| GSICS UV-Vis: GEO-GEO, GEO-LEO | Rose Munro, EUMETSAT | 15 min |  |
| Round-up Discussion | all | 10 min | 13:10 |
| Lunch |  |  | 70 min | 13:20 |
| Ozone Trends, chair G. Labow, NASA | Satellite Ozone needs for Climate Applications | Wolfgang Steinbrecht, DWD, via WebEx (TBC) | 15 min | 14:30 |
| Total Ozone: Harmonization of gridded satellite data sets. | Diego Loyola, DLR | 15 min |  |
| Total Ozone: Gridded assimilation including ground-based observations | Ronald Van der A, KNMI | 15 min |  |
| Gridding Ozone Profiles from Nadir measurements from AIRS + OMI (UV+IR) | Dejian Fu, NASA | 15 min |  |
| Gridding Ozone Profiles from TES/IASI | John Worden, NASA | 15 min |  |
| Coffee break |  |  | 30 min | 15:45 |
| Ozone Trends, chair D. Loyola, DLR | Gridding Ozone Profiles from Nadir measurements from GOME-2/SCIA | Richard Siddans, RAL (via webex) | 15 min | 16:15 |
| Ozone Profiles from Limb and Occultation: MLS | Nathaniel Livesey, NASA | 15 min |  |
| Merging O3 Limb Data | Viktoria.Sofieva, FMI | 15 min |  |
| Tropospheric ozone derived from OMI/MLS | Gordon Labow, NASA | 15 min |  |
| Tropospheric ozone derived from TropOMI | Pepijn Veefkind, KNMI | 15 min |  |
| Round-up Discussion | all | 10 min | 17:30 |
| Adjourn |  |  |  | 17:40 |

**Draft agenda ACC-12, 14 Oct 2016**

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| **Topic** | **Presentation** | **Speaker** | **Duration** | **Start** |
| GHG Mission Results, and Implications for a GHG Constellation, chair D. Crisp | GOSAT Results | Kei Shiomi, JAXA | 15 min | 9:00 |
| OCO-2 Results | John Worden, NASA | 15 min |  |
| Discussion: Implementing a GHG Constellation - Lessons learned from the OCO-2 / GOSAT collaboration (Pre-launch and on-orbit calibration, L2 comparisons, validation, flux inversions) | John Worden, NASA | 20 min |  |
| Status of Near-term GHG Missions, chair D. Crisp | Sentinel 5P TROPOMI | Ben Veihelmann or Paul Ingmann, ESA | 15 min | 9:50 |
| TanSat Mission status | Yi Liu, CAS | 15 min |  |
| GOSAT-2 Mission status | Kei Shiomi, JAXA | 15 min |  |
| OCO-3 Mission status | John Worden, NASA | 15 min |  |
| Coffee Break |  |  | 30 min | 10:50 |
| Status of Near-term GHG Missions (continued), chair D. Crisp | MICROCARB, IASI and IASI NG for CH4 and CO2 obs. in the troposphere | Carole Deniel, CNES | 15 min | 11:20 |
| MERLIN Mission status | Gerhard Ehret, DLR | 15 min |  |
| Round-up Discussion | all | 10 min | 11:50 |
| Planned and Proposed GHG Missions, chair D. Crisp | ESA/EC GHG Mission Plans | B. Veihelmann / Yasjka Meijer, ESA | 15 min | 12:00 |
| Geostationary CH4 concepts | David Edwards, NCAR | 15 min |  |
| Lunch |  |  | 60 min | 12:30 |
| Possible Discussion Topics, chair D. Crisp | Common calibration and validation standards for AC and GHG constellations, The Total Carbon Column Observing Network (TCCON) | Tae-Young Goo, NIMR | 15 min | 13:30 |
| Integrated Global Greenhouse Gas (GHG) Information System (IG3IS) | Oksana Tarasova, WMO | 15 min |  |
| Co-Benefits of a Joint AC-GHG Constellation | John Worden, NASA (TBC) | 15 min |  |
| Opportunities for community interactions: IWGGMS summary and organization of next meeting | Johanna Tamminen, FMI | 15 min |  |
| Opportunities for community interactions: 10th International Carbon Dioxide Conference (ICDC10) | TBD | 15 min |  |
| Geostationary CO2 concepts (moved from planned/proposed session to accommodate schedule) | A. Butz, KIT/DLR, via webex | 15 min |  |
| GHG Constellation Action Items | discussion | 20 min | 15:00 |
|  | ACC-12 Wrap up, AOB, next meeting |  | 10 min | 15:20 |
|  | Adjourn Main Meeting, transition to Side Meetings |  |  | 15:30 |

**Side Meetings, 14 Oct 2016**

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| Room | Time | Topic |
| ??? | 16:00-18:00 | Geostationary Satellite Constellation for Observing Global Air Quality: Geophysical Validation Needs |
| ??? | 16:00-18:00 | Space available, contact Ben and Jay to propose additional side meeting topics |
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