Dear all,

Please see below the final 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 (AM), GEMS algorithm review (GEMS Science Team Only, PM), **Joint GEMS/CEOS-ACC Group Dinner (Korean BBQ!!! 18:30, KRW 30,000/person)**
* October 13th: CEOS ACC-12 Meeting Half-day sessions on Air Quality Constellation (AM), Ozone Trends (PM)
* October 14th: CEOS ACC-12 Greenhouse Gas Constellation, CEOS-ACC side meetings
* October 15th: Possible Seoul group tour or other activity

The ACC meeting location is on the campus of Yonsei University in Room B110 of The Lounge, Building 130 (Underground). See attached map, p.6.

The attached tables show the agendas of the thematic sessions on the 13th and 14th. WebEx connection information for each day is given at the top of each table. Note there is a separate WebEx link for each day.

On October 14, there is still 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.

Information regarding the group dinner October 12 and lunch options close to the meeting venue is also included below.

Kind regards,

Ben Veihelmann ESA co-chair ACC

Jay Al-Saadi NASA co-chair ACC

**13 Oct 2016, Yonsei University, The Lounge, Grand Ballroom**

**WebEx Connection:** [**https://meetings.webex.com/collabs/meetings/join?uuid=M0UT6T3Z30ZXBNBJXUI1G1CFM8-3FZX**](https://meetings.webex.com/collabs/meetings/join?uuid=M0UT6T3Z30ZXBNBJXUI1G1CFM8-3FZX) **Meeting Number 191 797 743**

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| --- | --- | --- | --- | --- |
| **Topic** | **Presentation** | **Speaker** | **Duration** | **Start** |
| ACC-12 Opening | 0. 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 | 1. Mission Overview GEMS | Jhoon Kim, Yonsei University | 15 min | 9:10 |
| 2. Mission Overview Sentinel-4 | Ben Veihelmann, ESA | 15 min |  |
| 3. Mission Overview TEMPO | Kelly Chance, SAO | 15 min |  |
| 4. Mission Overview Sentinel-5 Precursor | Pepijn Veefkind, KNMI | 15 min |  |
| 5. Mission Overview GaoFen-5 | Liangfu Chen, CAS | 15 min |  |
| 6. Japanese AQ missions and activities | Yasko Kasai, NICT | 15 min |  |
| 7. 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 | 8. Sentinel-5 Precursor Validation Plan Approach | Thorsten Fehr, ESA | 15 min | 11:25 |
| 9. KORUS-AQ campaign: Overview and Status | Limseok Chang, NIER & Jay Al-Saadi, NASA | 15 min |  |
| 10. CINDI-2 campaign: NO2 inter-comparison | Michel Van Roozendael, BIRA | 15 min |  |
| 11. Pandonia ground based network | Alexander Cede, Luftblick / Michel Van Roozendael, BIRA | 15 min |  |
| 12. US federated approach to co-locate ground based measurements with existing EPA core sites | Lukas Valin, US EPA | 15 min |  |
| 13. Ground based reference measurements covering Asia | Sangwoo Kim, Seoul National University | 15 min |  |
| 14. 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 | 15. Satellite Ozone needs for Climate Applications | Wolfgang Steinbrecht, DWD, via WebEx | 15 min | 14:30 |
| 16. Total Ozone: Harmonization of gridded satellite data sets | Diego Loyola, DLR | 15 min |  |
| 17. Total Ozone: Gridded assimilation including ground-based observations | Ronald Van der A, KNMI | 15 min |  |
| 18. Gridding Ozone Profiles from Nadir measurements from AIRS + OMI (UV+IR) | Dejian Fu, NASA | 15 min |  |
| 19. Gridding Ozone Profiles from TES/IASI | John Worden, NASA | 15 min |  |
| Coffee break |  |  | 30 min | 15:45 |
| Ozone Trends, chair D. Loyola, DLR | 20. Gridding Ozone Profiles from Nadir measurements from GOME-2/SCIA | Richard Siddans, RAL (via webex) | 15 min | 16:15 |
| 21. Ozone Profiles from Limb and Occultation: MLS | Nathaniel Livesey, NASA | 15 min |  |
| 22. Merging O3 Limb Data | Viktoria.Sofieva, FMI | 15 min |  |
| 23. Tropospheric ozone derived from OMI/MLS | Gordon Labow, NASA | 15 min |  |
| 24. Tropospheric ozone derived from TropOMI | Pepijn Veefkind, KNMI | 15 min |  |
| Round-up Discussion | all | 10 min | 17:30 |
| Adjourn |  |  |  | 17:40 |

**14 Oct 2016, Yonsei University, The Lounge, Grand Ballroom**

**WebEx Connection:** [**https://meetings.webex.com/collabs/meetings/join?uuid=M6R74IDG0E4M5ZFWH5CUOHE2C9-3FZX**](https://meetings.webex.com/collabs/meetings/join?uuid=M6R74IDG0E4M5ZFWH5CUOHE2C9-3FZX) **Meeting Number 190 201 570**

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| **Topic** | **Presentation** | **Speaker** | **Duration** | **Start** |
| GHG Mission Results, and Implications for a GHG Constellation, chair Dejian Fu, NASA | 1. GOSAT Results | Kei Shiomi, JAXA | 15 min | 9:00 |
| 2. OCO-2 Results | John Worden, NASA | 15 min |  |
| 3. 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 Jhoon Kim, Yonsei | 4. Sentinel 5P TROPOMI | Ben Veihelmann or Paul Ingmann, ESA | 15 min | 9:50 |
| 5. TanSat Mission status | Yi Liu, CAS | 15 min |  |
| 6. GOSAT-2 Mission status | Kei Shiomi, JAXA | 15 min |  |
| 7. OCO-3 Mission status | John Worden, NASA | 15 min |  |
| Coffee Break |  |  | 30 min | 10:50 |
| Status of Near-term GHG Missions (continued), chair Jhoon Kim, Yonsei | 8. MICROCARB, IASI and IASI NG for CH4 and CO2 obs. in the troposphere | Carole Deniel, CNES Presented by Cathy Clerbaux, LATMOS/IPSL | 15 min | 11:20 |
| 9. MERLIN Mission status | Gerhard Ehret, DLR | 15 min |  |
| Round-up Discussion | all | 10 min | 11:50 |
| Planned and Proposed GHG Missions, chair Kei Shiomi, JAXA | 10. ESA/EC GHG Mission Plans | B. Veihelmann / Yasjka Meijer, ESA | 15 min | 12:00 |
| 11. Geostationary CH4 concepts | David Edwards, NCAR | 15 min |  |
| Lunch |  |  | 60 min | 12:30 |
| Discussion Topics, chair John Worden, NASA | 12. 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 |
| 13. Integrated Global Greenhouse Gas (GHG) Information System (IG3IS) | Oksana Tarasova, WMO | 15 min |  |
| 14. Opportunities for community interactions: IWGGMS summary and organization of next meeting | Johanna Tamminen or Viktoria Sofieva, FMI | 15 min |  |
| 15. Geostationary CO2 concepts (moved from planned/proposed session to accommodate schedule) | A. Butz, KIT/DLR, via webex | 15 min |  |
| Opportunities for community interactions: 10th International Carbon Dioxide Conference (ICDC10) | all | 15 min |  |
| 16. Update on Canadian AQ-GHG Activities | R. Nassar, ECCC | 15 min |  |
| 17. GHG Constellation Action Items | discussion | 20 min | 15:00 |
|  | 18. ACC-12 Wrap up, AOB, next meeting |  | 10 min | 15:20 |
|  | Adjourn Main Meeting, transition to Side Meeting |  |  | 15:30 |

**Side Meetings, 14 Oct 2016**

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| Room | Time | Topic |
| Grand Ballroom | 16:00-18:00 | 19. Geostationary Satellite Constellation for Observing Global Air Quality: Geophysical Validation Needs |
| tbd | 16:00-18:00 | Space available, contact Ben and Jay to propose additional side meeting topics |
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