G-VAP – Workshop
25 - 26 October 2017

Agenda

Venue:

University of Leicester,
hosted by the National Centre for Earth Observation
Fielding Johnson Building, First Floor Council Suite Room
University of Leicester campus
Leicester, United Kingdom

Version 1.0
23 October 2017
Wednesday, 25th Oct 2017

09:00 – 09:10 Welcome
Remedios

09:10 – 09:20 Overview on G-VAP [01]
Schröder, Shi

09:20 – 09:30 Aims of meeting [01]
Schröder, Shi

09:30 – 09:50 G-VAP – final results from “phase 1” [02]
Schröder, all

09:50 – 10:20 Comparing reference grade fiducial non-satellite data to satellites: The GAIA-CLIM Virtual Observatory facility [03]
Thorne

Discussion

10:30 – 11:00 Coffee break

11:00 – 11:20 Calibration/validation activates at the University of Leicester [04]
Trent

11:20 – 11:40 Comparison of 183-GHz Radiances from SSM/T-2 and AMSU-B [05]
Luo

Discussion

12:00 – 13:30 Lunch break

13:30 – 15:30 Tropospheric specific humidity climate data record derived from multi-mission GPS Radio Occultations [06]
Nielsen

An updated IASI/AMSU/MHS retrieval scheme for water vapour [07]
Siddans

Current status and future evolution of AIRWAVE algorithm [08]
Casadio

Current status of GOME/SCIAMACHY/GOME-2 TCWV data [09]
Borger

Discussion

15:30 – 16:00 Coffee break

16:00 – 17:30 COSMIC TPW to identify and correct TPW derived from SSM/I under clear/cloudy/precip skies [10]
Ho

On the estimation of the collocation uncertainties of sondes versus satellites using the inherent small-scale variability of water vapour in the atmosphere [11]
Calbet

Water vapor in the Arctic: Future plans and mosaic [12]
Radovan
Discussion

17:30 Adjourn

Dinner at Kayal (own expense)

Thursday, 26th Oct 2017

09:00 – 10:30 A discussion on the relevant temporal and spatial scales of water vapour observations for climate studies [13]
Brogniez

Water vapour variability: Importance of transport [14]
Böhm

G-VAP phase 2 [15]
Schröder

Discussion

10:30 – 11:00 Coffee break

11:00 – 11:15 Potential future directions from a radio occultation perspective [16]
Kursinski

11:15 – 11:45 A formal assessment of gaps in our capability to use non-satellite data to characterise satellite data and ensuing recommendations [17]
Thorne

Discussion

12:30 – 14:00 Lunch break

14:00 – 14:20 Building International Thematic Climate Communities, a GHRSSST example [18]
Corlett

14:20 – 14:40 G-VAP recommendations [19]
Schröder

14:20 – 16:00 Discussion on future directions and activities
Schröder, Shi, all

Discussion

16:00 – 16:30 Coffee break

16:30 – 17:00 Wrap-up, next meeting

17:00 – 17:30 AoB

17:30 Expected end
**Participants:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Böhm, Christoph</td>
<td><a href="mailto:c.boehm@uni-koeln.de">c.boehm@uni-koeln.de</a></td>
<td>U Cologne</td>
</tr>
<tr>
<td>Borger, Christian</td>
<td><a href="mailto:christian.borger@mpic.de">christian.borger@mpic.de</a></td>
<td>MPI-C</td>
</tr>
<tr>
<td>Brogniez, Helene</td>
<td><a href="mailto:helene.brogniez@latmos.ipsl.fr">helene.brogniez@latmos.ipsl.fr</a></td>
<td>LATMOS/U Versailles St Quentin</td>
</tr>
<tr>
<td>Calbet, Xavier</td>
<td><a href="mailto:xcalbeta@aemet.es">xcalbeta@aemet.es</a></td>
<td>AEMET</td>
</tr>
<tr>
<td>Casadio, Stefano</td>
<td><a href="mailto:stefano.casadio@esa.int">stefano.casadio@esa.int</a></td>
<td>ESA</td>
</tr>
<tr>
<td>Corlett, Gary*</td>
<td><a href="mailto:gkc1@leicester.ac.uk">gkc1@leicester.ac.uk</a></td>
<td>U Leicester</td>
</tr>
<tr>
<td>Ho, Shu-Peng</td>
<td><a href="mailto:spho@ucar.edu">spho@ucar.edu</a></td>
<td>UCAR</td>
</tr>
<tr>
<td>Kursinski, E. Robert</td>
<td><a href="mailto:ekursinski@gmail.com">ekursinski@gmail.com</a></td>
<td>SSE</td>
</tr>
<tr>
<td>Luo, Johnny</td>
<td><a href="mailto:luo@sci.ccny.cuny.edu">luo@sci.ccny.cuny.edu</a></td>
<td>CUNY</td>
</tr>
<tr>
<td>Nielsen, Johannes</td>
<td><a href="mailto:jkn@dmi.dk">jkn@dmi.dk</a></td>
<td>DMI</td>
</tr>
<tr>
<td>Picon, Laurence*</td>
<td><a href="mailto:picon@lmd.polytechnique.fr">picon@lmd.polytechnique.fr</a></td>
<td>LMD</td>
</tr>
<tr>
<td>Pinnock, Simon</td>
<td><a href="mailto:simon.pinnock@esa.int">simon.pinnock@esa.int</a></td>
<td>ESA</td>
</tr>
<tr>
<td>Preusker, Rene</td>
<td><a href="mailto:rene.preusker@fu-berlin.de">rene.preusker@fu-berlin.de</a></td>
<td>FU Berlin</td>
</tr>
<tr>
<td>Radovan, Ana</td>
<td><a href="mailto:aradovan@uni-koeln.de">aradovan@uni-koeln.de</a></td>
<td>U Cologne</td>
</tr>
<tr>
<td>Remedios, John</td>
<td><a href="mailto:j.j.remedios@le.ac.uk">j.j.remedios@le.ac.uk</a></td>
<td>U Leicester</td>
</tr>
<tr>
<td>Schröder, Marc</td>
<td><a href="mailto:marc.schroeder@dwd.de">marc.schroeder@dwd.de</a></td>
<td>DWD</td>
</tr>
<tr>
<td>Shi, Lei</td>
<td><a href="mailto:lei.shi@noaa.gov">lei.shi@noaa.gov</a></td>
<td>NOAA</td>
</tr>
<tr>
<td>Siddans, Richard</td>
<td><a href="mailto:richard.siddans@stfc.ac.uk">richard.siddans@stfc.ac.uk</a></td>
<td>RAL</td>
</tr>
<tr>
<td>Slijkhuys, Sander</td>
<td><a href="mailto:sander.slijkhuys@dlr.de">sander.slijkhuys@dlr.de</a></td>
<td>DLR</td>
</tr>
<tr>
<td>Thorne, Peter</td>
<td><a href="mailto:Peter.thorne@nuim.ie">Peter.thorne@nuim.ie</a></td>
<td>Maynooth U</td>
</tr>
<tr>
<td>Trent, Tim</td>
<td><a href="mailto:tjt11@leicester.ac.uk">tjt11@leicester.ac.uk</a></td>
<td>U Leicester</td>
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* part time