



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 activities 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:

Böhm, Christoph	c.boehm@uni-koeln.de	U Cologne
Borger, Christian	christian.borger@mpic.de	MPI-C
Brogniez, Helene*	helene.brogniez@latmos.ipsl.fr	LATMOS/U Versailles St Quentin
Calbet, Xavier	xcalbeta@aemet.es	AEMET
Casadio, Stefano	stefano.casadio@esa.int	ESA
Corlett, Gary*	gkcl@leicester.ac.uk	U Leicester
Ho, Shu-Peng	spho@ucar.edu	UCAR
Kursinski, E. Robert	ekursinski@gmail.com	SSE
Luo, Johnny	luo@sci.cny.cuny.edu	CUNY
Nielsen, Johannes	jkn@dmi.dk	DMI
Picon, Laurence*	picon@lmd.polytechnique.fr	LMD
Pinnock, Simon	simon.pinnock@esa.int	ESA
Preusker, Rene	rene.preusker@fu-berlin.de	FU Berlin
Radovan, Ana	aradovan@uni-koeln.de	U Cologne
Remedios, John	j.j.remedios@le.ac.uk	U Leicester
Schröder, Marc	marc.schroeder@dwd.de	DWD
Shi, Lei	lei.shi@noaa.gov	NOAA
Siddans, Richard	richard.siddans@stfc.ac.uk	RAL
Slijkhuis, Sander	sander.slijkhuis@dlr.de	DLR
Thorne, Peter	Peter.thorne@nuim.ie	Maynooth U
Trent, Tim	tjtl1@leicester.ac.uk	U Leicester

* part time