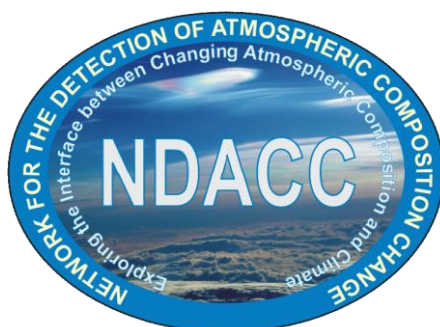


Network for the Detection of Atmospheric Composition Change



NORS/NDACC UV-VIS Working Group Meeting

3-4 July 2012

Belgian Institute for Space Aeronomy (BIRA-IASB), Brussels, Belgium

1. Participants

<i>Name</i>	<i>ID</i>	<i>Affiliation</i>
Alexander Cede	AC	Luftblick, Austria
Udo Friess	UF	IUP-Heidelberg, Germany
Clio Gielen	CG	IASB-BIRA, Belgium
Laura Gomez	LG	INTA, Spain
François Hendrick	FH	IASB-BIRA, Belgium
Karin Kreher	KK	NIWA, New Zealand
Maud Pastel	MP	LATMOS, France
Ankie Piters	AP	KNMI, The Netherlands
Gaia Pinardi	GP	IASB-BIRA, Belgium
Olga Puentedura	OP	INTA, Spain
Julia Remmers	JR	MPI-Mainz, Germany
Howard Roscoe	HKR	BAS, UK
Frederik Tack	FT	IASB-BIRA, Belgium
Michel Van Roozendael	MVR	IASB-BIRA, Belgium
Thomas Wagner	TW	MPI-Mainz, Germany
Folkard Wittrock	FW	IUP-Bremen, Germany
Xiaoyi Zhao	XZ	University of Toronto, Canada

2. Agenda

Day 1: 3 July 2012

- 13:00 Welcome (MVR)
13:05 Introduction, agenda (MVR, KK)
Individual team reports
(status of stations, instrument upgrades, data delivery to data base, funding issues, etc)
13:10 BAS (HKR)
13:25 BREMEN (FW)
13:40 LATMOS (MP)
13:55 INTA (OP)
14:10 TORONTO (XZ)
14:25 NIWA (KK)
14:40 BIRA-IASB (MVR)
14:55 HEIDELBERG (UF)
15:10 Coffee break

Post-CINDI activities and other science highlights

- 15:45 Intercomparison of NO₂ profiling algorithms (FW)
16:00 HONO retrievals in Beijing and Xianghe (FH)
16:15 Aerosol retrievals in Beijing and Xianghe (FH on behalf of Tim Vlemmix)
16:30 Intercomparison of MAX-DOAS aerosol profiling algorithm (UF)
16:45 Surface ozone and NO₂ at Izaña Observatory from MAXDOAS measurements (LG)
17:00 BrO intercomparison during the CINDI campaign (OP)
17:15 Intercomparison of HCHO slant columns (GP)
17:30 NO₂ sonde for satellite validation (NO2SAV) (AP)
17:45 Adjourn
19:00 Dinner

Day 2: 4 July 2012

NORS session

- 09:00 NORS: overview and project status (M. De Mazière, project coordinator)
09:15 NORS WP3 status/discussion (Lead: FH)
 - GEOMS data formatting
 - Rapid delivery service

- QA/QC procedures
- 09:45 NORS WP4 status/discussion (Lead: FW on behalf A. Richter)
- Harmonisation of stratospheric NO₂/O₃ data products (FH/MVR)
 - Stratospheric NO₂ photochemical correction tool (FH)
 - MAXDOAS horizontal averaging effects (TW)
 - Harmonization of MAXDOAS algorithms (NO₂/HCHO/aerosol) (all)
 - Intercomparisons (e.g. MAXDOAS vs. FTIR) (FW/FH)
 - Uncertainties (FW on behalf of Andreas Richter)
 - Satellite comparisons (OP ?)
- 11:00 Coffee break
- 11:30 NORS WP10: extension of NORS to other (NDACC) stations (all)
- 11:45 Plans for validation activities involving NORS data sets (all)
- 12:30 Lunch break
- 13:30 **Follow-up campaign in Madrid 2014 – CINDI-2**
- Introduction (MVR)
 - Facilities at INTA (OP)
 - Discussion (all)
- 14:30 **Future of the NDACC UV-VIS network**
(discussion on new molecules, new stations, ...)
- 15:00 AOB
- 15:15 End of meeting