NDSC Microwave Group
Calibration Workshop 2003

IAP, University of Bern

Place of Workshop:
Universität Bern - Exakte Wissenschaften
Institut für angewandte Physik
Sidlerstrasse 5, 3012 Bern
phone: +41 (0)31 631 8911
Roomnumber: A97

Thursday, April 3rd

09.00	Welcome address, logistics	**Nik Kämpfer**
	Presentation of Instrumental Calibration	
09.15	SOMORA: O3	**Yasmine Calisesi**, University of Bern, IAP
09.35	RAM: H2O, O3, ClO	**Manuel Quack**, University of Bremen, IUP
09.55	AMSOS: H2O	**Dietrich Feist**, University of Bern, IAP
10.15	AMSOS: Hardware presentation	**Vladimir Vasić**, University of Bern, IAP
10.30	**Coffee Break**	
	Presentation of Instrumental Calibration (cont.)	
11.00	ASMUWARA: Monitoring of the troposphere	**Lorenz Martin**, University of Bern, IAP
11.20	MIAWRA: H2O	**Beat Deuber**, University of Bern, IAP
11.40	Onsala Radiometer: H2O & CO	**Peter Forkman**, Onsala Space Observatory
12.30	**Lunch at Mensa**	
14.00	**Hardware Presentation of IAP Radiometers**	
	MIAWARA: Water vapour	
	ASMUWARA: Monitoring of the troposphere	
	GROMOS: Ozone	
	NIOS: Observation of solar flares	
15.20	**Coffee break**	
	Presentation of Instrumental Calibration (cont.)	
15.50	Seoul Radiometer: O3	**Jung Jin Oh**, Sookmyung University Seoul
16.10	WVMS: H2O	**Gerald Nedoluha & Mike Gomez**, NRL
16.30	UMAS Radiometer: O3	**Alan Parrish**, University of Massachusetts
16.50	Alomar Radiometer: H2O	**Paul Hartogh**, MPAE
17.10	MIRA 2: O3, ClO, N2O, HNO3	**Gerhard Hochschild**, Forschungszentrum Karlsruhe
20.00	**Dinner**	

Friday, April 4th

09.00	Quasioptical Isolator @ 183 GHz	**Vladimir Vasić**, University of Bern, IAP
09.20	Calibration load for SMILES	**Axel Murk**, University of Bern, IAP
09.40	Demonstration of ABmm vector network analyzer	**Axel Murk**, University of Bern, IAP

10.20 **Coffee Break**

Discussion

10.40 Rapporteur of Presentations   **Daniel Gerber**, University of Bern, IAP

Discussion (plenary or groups) on calibration loads,
calibration concepts, baseline issues,
implementation of calibration in retrieval
software, ...

12.30 **Lunch at Mensa**

14.00 **Discussion continued**

15.30 **Coffee break**

16.00 **Conclusion, Closing Remarks**   **Nik Kämpfer**, University of Bern, IAP

16.30 **Workshop end**

Saturday, April 5th (optional)

08.10 **Visit to Jungfraujoch**, details will be announced at the workshop

19.30 Arrival at Bern