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Tuesday, Dec. 07

- 08:30 Welcome by Ulrich Platt and John Burrows**
- 08:45 Envisat Validation from the DLR standpoint**  
H.-P. Lüttenberg and A. Friker, DLR Bonn
- 09:00 Overview about the German Validation Activities**  
Ulrich Platt
- 09:15 - 10:45 Ground-based and ship-borne Measurements**
- 10:45 – 11:05 Coffee break**
- 11:05 - 11:55 Aircraft-borne and Satellite Measurements**
- 11:55 – 12:25 Balloon-borne Measurements**
- 12:25 SCIAMACHY Highlights**
- 12:35 End of meeting - Final Words J.P. Burrows**

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## Agenda of the 5th German SCIAMACHY Validation Team (GSVT) Meeting



**Date:**  
07. December 2004

**Location:**  
Gästehaus der Universität Bremen  
Auf dem Teerhof 58  
28199 Bremen

For details see:

<http://www.iup.physik.uni-bremen.de/gcvos/>

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- 09:00 Overview about the German Validation Activities**  
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- 09:15 – 10:45 Ground-based and ship-borne Measurements**
- 09:15 U. Bonn Lidar at Esrange used for Sciamachy Validation**  
K.H. Fricke, PI Bonn
- 09:25 Determination of Aerosol Optical Thickness from Sciamachy L1 data**  
Wolfgang Hoyningen-Huene, IUP Bremen
- 09:35 Ground-based microwave observations of ozone in Kiruna, Mount Zugspitze and Mérida**  
Gerhard Kopp, FZ Karlsruhe
- 09:45 Ground based atmospheric millimeterwave measurements: Availability and results of a comparison with SCIAMACHY Ozone profiles**  
Mathias Palm, IUP Bremen
- 09:55 SCIAMACHY Validation with Solar FTIR Spectrometry at the NDSC Primary Station Zugspitze**  
Ralf Sussmann, IMK-IFU Garmisch-Partenkirchen
- 10:05 Validation of SCIAMACHY products with ground-based FTIR measurements at Kiruna and on Tenerife Island**  
Thomas Blumenstock, FZ Karlsruhe
- 10:15 FTIR measurements in Bremen, Ny Alesund and on board Polarstern**  
Thorsten Warneke, IUP Bremen
- 10:25 SCIAMACHY Validation using ground-based and ship-borne observation**  
Barbara Dix, IUP Heidelberg
- 10:35 SCIAMACHY Validation with the BREDOM Network**  
Thomas Medeke, IUP Bremen



**10:45 – 11:05 Coffee break**

**11:05 - 11:55 Aircraft-borne and Satellite Measurements**

- 11:05 Validation of Sciamachy In-flight measured irradiances, radiances and selected tracegas products by comparison with measurements from independent Satellite instruments**  
Astrid Bracher and Jochen Skupin, IUP Bremen
- 11:15 Airborne Lidar measurements during SciaValue campaigns**  
Andreas Fix, DLR Oberpfaffenhofen
- 11:25 SCIAMACHY validation using Airborne Submillimeter Radiometer (ASUR) observations**  
Jayan Kuttippurath and Holger Bremer, IUP Bremen
- 11:35 The Airborne Multi AXis Differential Optical Absorption Spectroscopy instrument (AMAXDOAS) for SCIAMACHY validation**  
Klaus-Peter Heue, IUP Heidelberg
- 11:45 SCIAMACHY validation with the AMAXDOAS instrument**  
Ping Wang, IUP Bremen

**11:55 – 12:25 Balloon-borne Measurements**

- 11:55 Validation activities for SCIAMACHY based on balloon-borne observations**  
Andreas Engel, Uni Frankfurt
- 12:15 Sciamachy solar irradiance validation (Level-1) using radiometric calibration of Balloon-borne spectrometers**  
Wolfgang Gurlit, IUP Bremen
- 12:25 SCIAMACHY Highlights**  
John P. Burrows, IUP Bremen
- 12:35 End of meeting – Final Words J.P. Burrows**