

GOME (GOM)

Wednesday, 19 March 1997

Chairman: John P. Burrows

- 14:00 **John P. Burrows**
The global Ozone monitoring experiment (GOME): Mission, instrument concept and first results (O3 and NO2)
- 14:20 **D. Loyola**
Ground segment for ERS-2 GOME sensor at the German D-PAF
- 14:40 **Claus Zehner**
GOME instrument performance monitoring
- 15:00 **David Pemberton**
GOME diffuser reflectivity analysis
- 15:20 **Kelly Chance**
GOME wavelength calibration using solar and atmospheric spectra
- 16:20 **Ruediger de Beek**
Height Resolved Ozone Information from GOME Satellite Data
- 16:40 **Richard Siddans**
Height-Resolved Ozone Information from GOME
- 17:00 **Robert Spurr**
Development of a prototype algorithm for the operational retrieval of height resolved products from GOME
- 17:20 **Jean-Christopher Lambert**
Pole to pole validation of the ERS-2 GOME level 2 products with the ground SAOZ network
- 17:40 **Hennie Kelder**
comparison of ozone columns calculated with a 3D global model with GOME measurements
- 18:00 **Ankie J.M. Piters**
GOME validation using data assimilation
- 18:20 **William Rathman**
Total ozone measurements from GOME and TOVS - a comparative study

Thursday, 20 March 1997

Chairman: Paul Simon

- 09:00 **D. Perner**
First results on tropospheric observations by the global ozone monitoring experiment
- 09:20 **Maarten C. Krol**
Tropospheric Studies using GOME
- 09:40 **Kelly Chance**
Quantitative spectroscopy for the analysis of GOME data
- 10:00 **Robert B.A. Koelemeijer**
Surface reflectivity spectra derived from GOME data
- 10:20 **Piet Stammes**
GOME reflectivity and polarisation validation study
- 11:20 **M Eisinger**
Retrieval of OC10, BrO and other minor trace gasses from GOME
- 11:40 **E. Hegels**
Global distribution of BRO and OCLO by the global ozone monitoring experiment, GOME, on ERS 2
- 12:00 **Rodolfo Guzzi**
Aerosol optical thickness from GOME data. Methodological approach and preliminary results
- 12:20 **Gijs A.A. Koppers**
Tropospheric aerosol retrieval from GOME data
- 12:40 **Philippe Peeters**
GOME solar irradiance validation using UARS SOLSTICE data

Posters (Thursday, 20 March 1997, 17:00)

- Ilse Aben**
First results on GOME Breadboard measurements on vacuum characteristics and atmospheric radiation (Gobelin project)
- Michael Bittner**
large scale variations in ozone from ERS-2 GOME data
- J Callies**
Global Ozone Monitoring Experiment (GOME) on board of ERS 2
- Kelly Chance**
GOME ozone profiles and tropospheric ozone measurement
- Ruediger de Beek**
Ozone profile retrieval from GOME satellite data: Part I, Algorithm description
- Marcel Dobber**
GOME Moon measurements (including instrument characterisation and moon albedo)
- Robert B.A. Koelemeijer**

Intercomparison of GOME and ATSR-2 reflectivity measurements

Rob Koopman

Analysis of GOME Stray light

Jean-Christopher Lambert

Validation of the ERS-2 GOME ozone products with the NDSC/Alpine stations

Marina Mochi

GOME data processing at I-PAF: the aerosol optical thickness retrieval from GOME spectra

A. Noelle

GOME level 3 data product at the ATMOS user centre

Philippe Peeters

MgII index from high resolution GOME irradiance

Els Schoubs

Validation of GOME with ground based ozone measurements at Uccle (Belgium)

Piet Stammes

Spectral properties of clouds studied with GOME

Demos

Angelika Dehn

GOME instrument performance monitoring results on the ESRIN WWW pages

Claus Zehner

Ozone hole seen by GOME during 1996