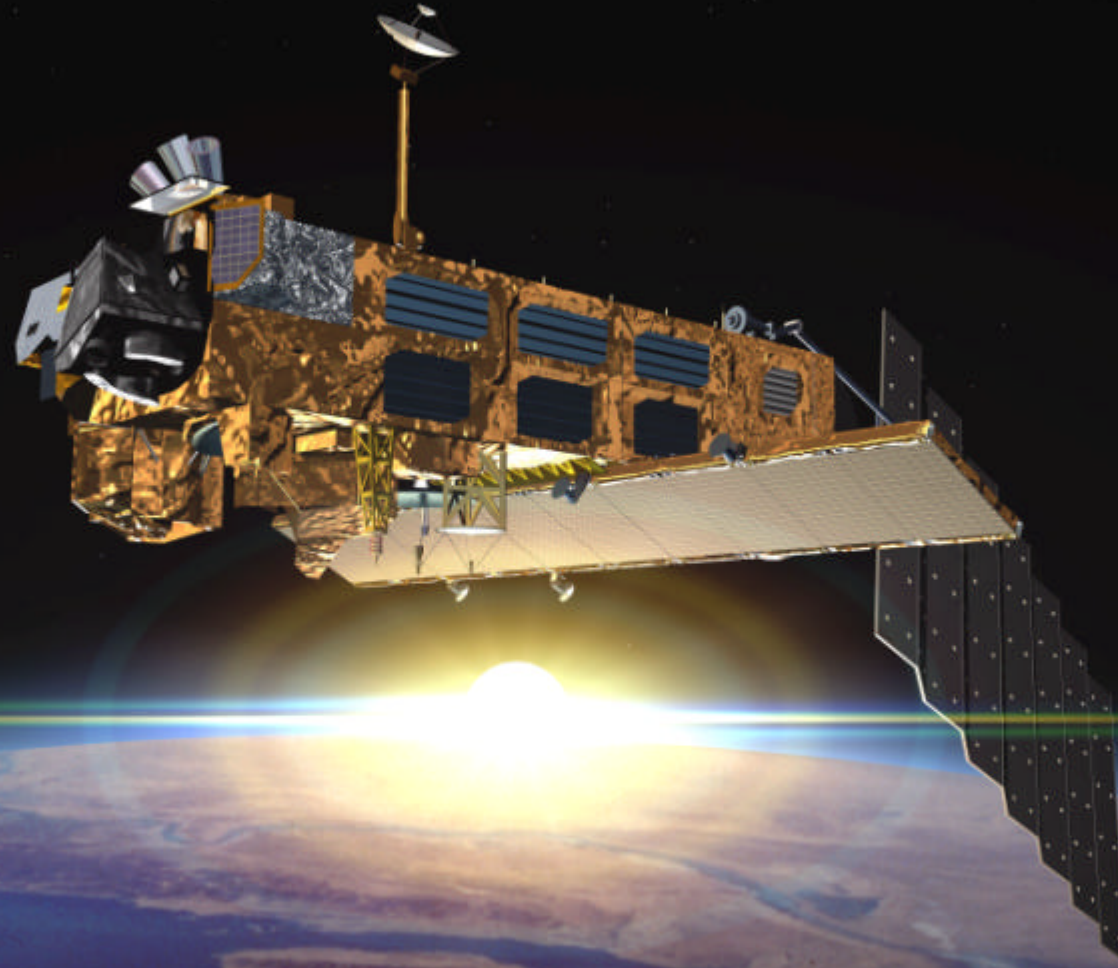
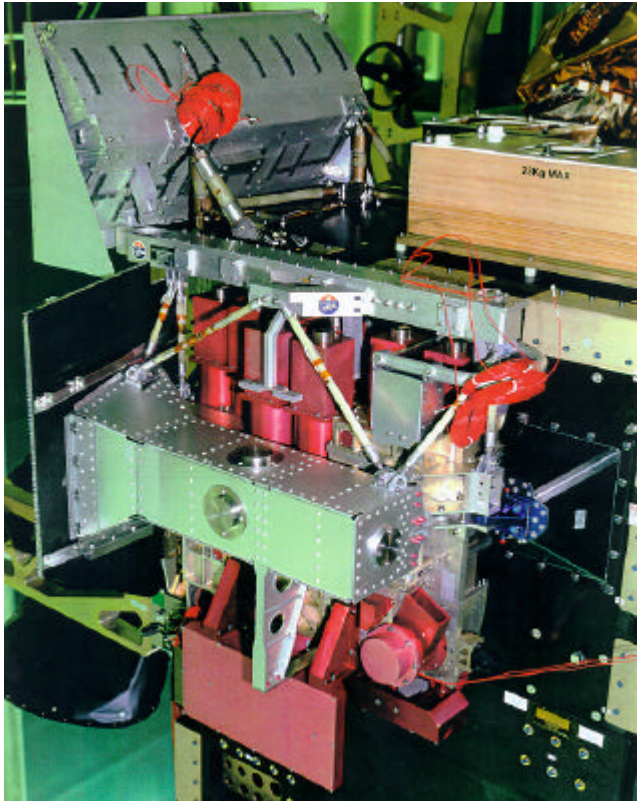


3rd GSVT Meeting



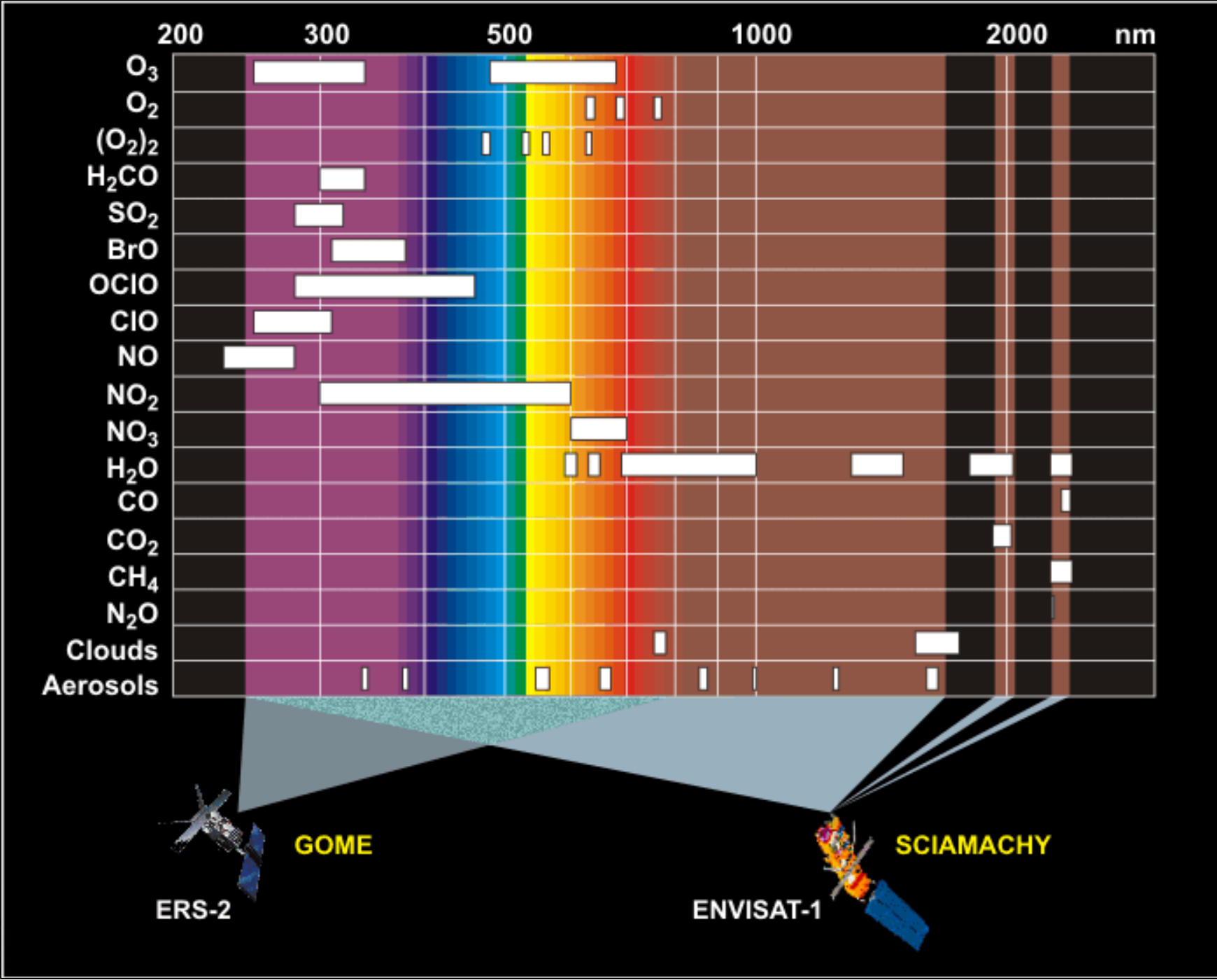
3rd German SCIAMACHY Validation Team GSVT Meeting 7./8. July 2003, Bremen

SCIAMACHY on Envisat

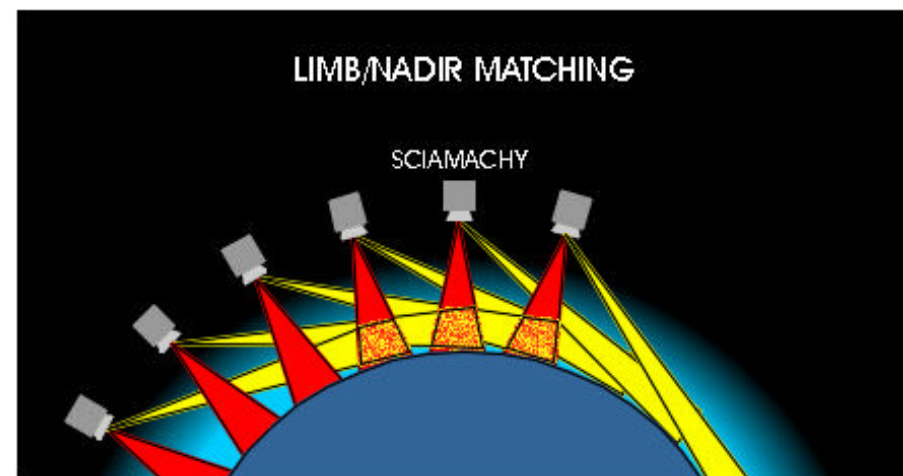
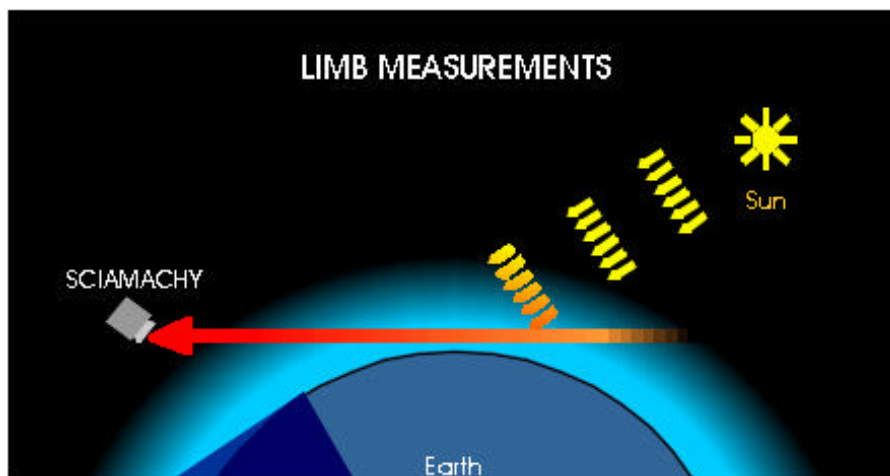
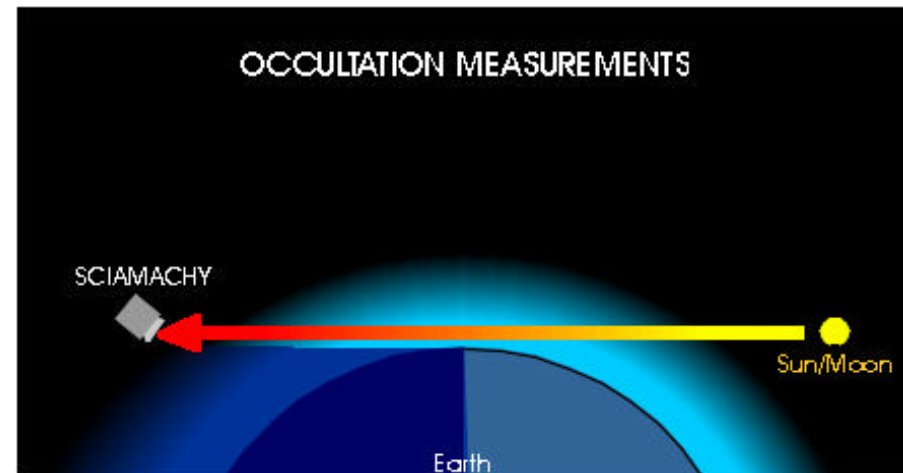
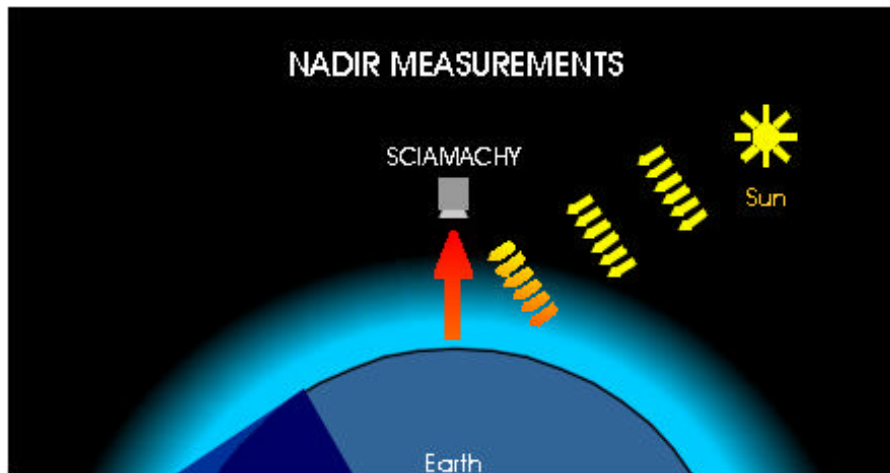


- National contribution to Envisat (cooperation of D, NL, B)
- SCIAMACHY = *Scanning Imaging Absorption Spectrometer for Atmospheric Chartography*
- Greek: “Fight a Shadow”
- Launched March 1st, 2002
- Final flight states since Dec. 2002

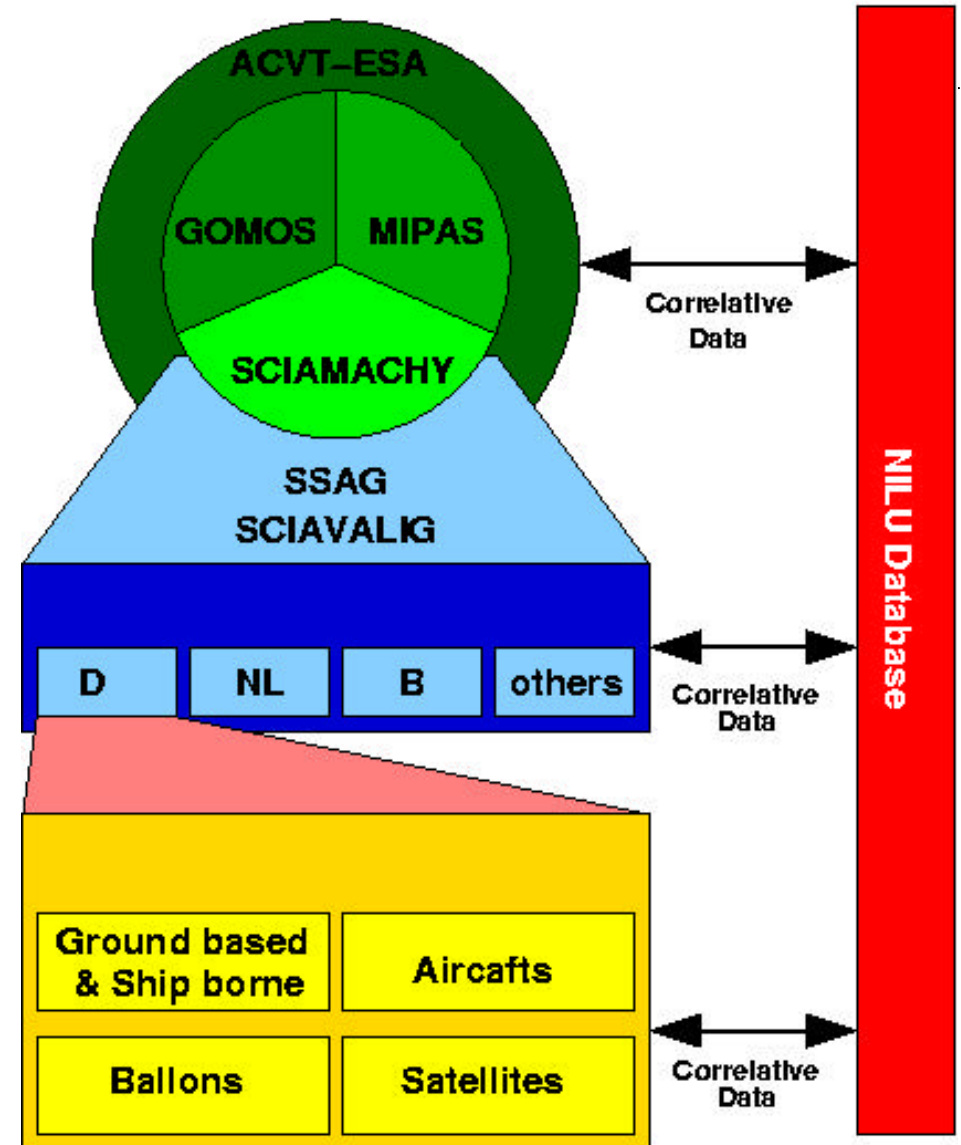
SCIAMACHY Strukturmodell (Abb.:ESA)



Measurement modes



SCIAMACHY Validation Structure



German Contribution to the Validation of SCIAMACHY

- 23 Projects
- More than 60 scientists



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

German Contribution to the Validation of SCIAMACHY

DLR — Bonn

Validation Co-ordination
University Heidelberg and University Bremen



**Ground-based and
ship-borne
Validation**
Speaker:
Klaus Bramstedt

Ground-based:
DOAS, FTIR,
MW, LIDAR,
Aerosol
Ship:
DOAS, FTIR

**Aircraft-borne
Validation**
Speaker:
Gerhard Ehret

DOAS, MW,
LIDAR

**Satellite
Validation**

Speaker:
Mark Weber

GOME, OSIRIS,
TOMS, HALOE,
SAGE II + III,
SBUV II, SABER,
SOLSTICE,
SUSIM

**Balloon
Validation**

Speaker:
Klaus Pfeilsticker

LPMA, DOAS,
FTIR, FISH,
MIPAS-B,
ClO/BrO
Cryosampler,
FTIR, Fluoreszenz

Goals 3rd GSVT

- Status of validation datasets
 - Amount of correlative data
 - Quality of data
 - Scientific use of collected data
 - Measurement planning
- Information SCIAMACHY products
- Review preparations for comparisons
- Planning of activities until end of funding period
 - Comparisons, Meetings, Publications