

**International Workshop on Greenhouse Gas  
Measurements from Space  
(IWGGMS)**

*History*



# IWGGMS-1

## Tokyo, 22 – 23 April 2004

### April 22, 2004

10:00-10:10 : **Welcome speech** :  
Mr. Otsuki ( EORC, JAXA)

#### 1. Retrievals

10:10-10:40 : OCO : (1) D. Crisp (JPL)

10:40-11:10 : GOSAT (Short wave) :  
(2) T. Yokota (NIES)

11:10-11:40 : GOSAT (Thermal) :  
(3) R. Imasu (CCSR, Univ. Tokyo)

#### 2. Programmatic session

11:40-12:10 : GOSAT Science  
Objective: (4) Y. Yasuoka (Univ. Tokyo)

13:30-14:00 : GOSAT Instrument :  
(5) A. Kuze (JAXA)

14:00-14:30 : OCO Instrument :  
(6) D. Crisp (JPL)

14:30-15:00 : Clouds & aerosol sensor  
for GOSAT : (7) H. Shimoda

#### 3. Other products

15:20-15:50 : Research data products using  
thermal IR FTS :

(8) M. Suzuki, et al., (EORC, JAXA)

#### 4. General discussions

15:50-17:00 : general discussions

### April 23, 2004

#### 5. CAL/VAL

10:30-11:00 : GOSAT Cal/Val plan :  
(9) M. Watanabe, M. Suzuki (EORC, JAXA)

11:00-11:30 : GOSAT Airborne Simulator :  
(10) A. Kuze (JAXA)

#### 6. Line parameters

11:30-12:00 : Problems in CO<sub>2</sub> absorption  
line parameters : (11) M. Fukabori (MRI)

12:00-12:30 : Overview of line parameter  
study in JPL : (12) D. Crisp (JPL)

12:30-12:40 : **Closing Remarks** :  
T. Ogawa (EORC, JAXA)

# IWGGMS-2

## Pasadena, 24 – 25 March 2005



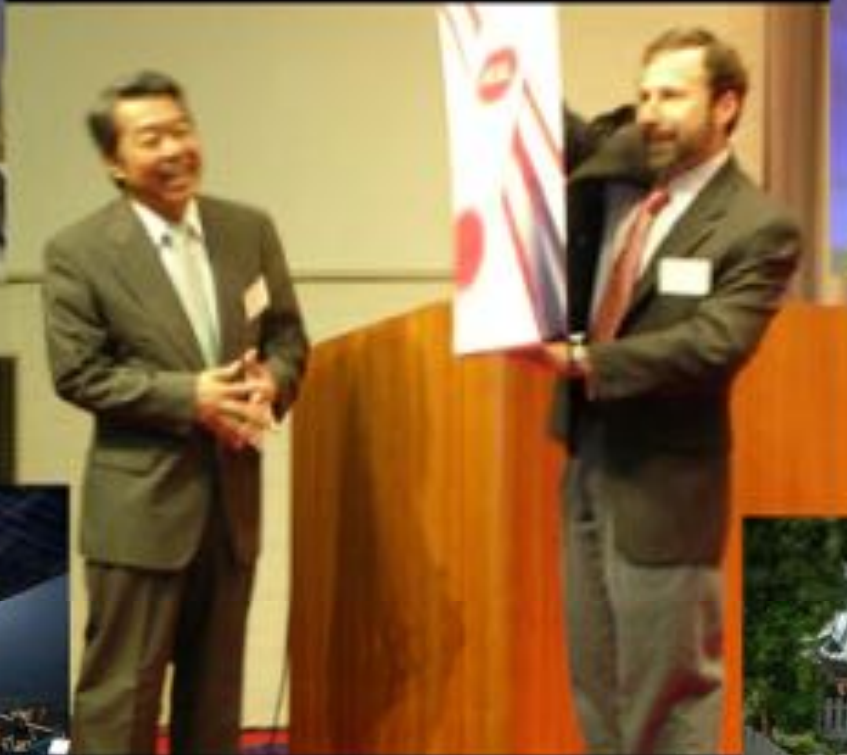
# IWGGMS-3

## Tsukuba, 30 – 31 May 2006



# IWGGMS-3

## Tsukuba, 30 – 31 May 2006

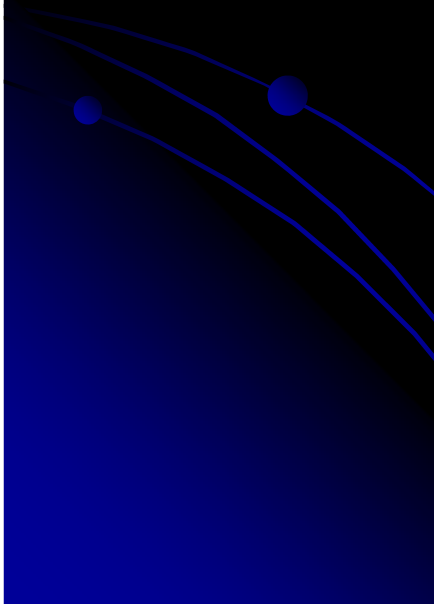


A gift tapestry from OCO team to GOSAT team

OCO

炭素

GOSAT



# IWGGMS-4

## Paris, 25 - 27 June 2007



# IWGGMS-5

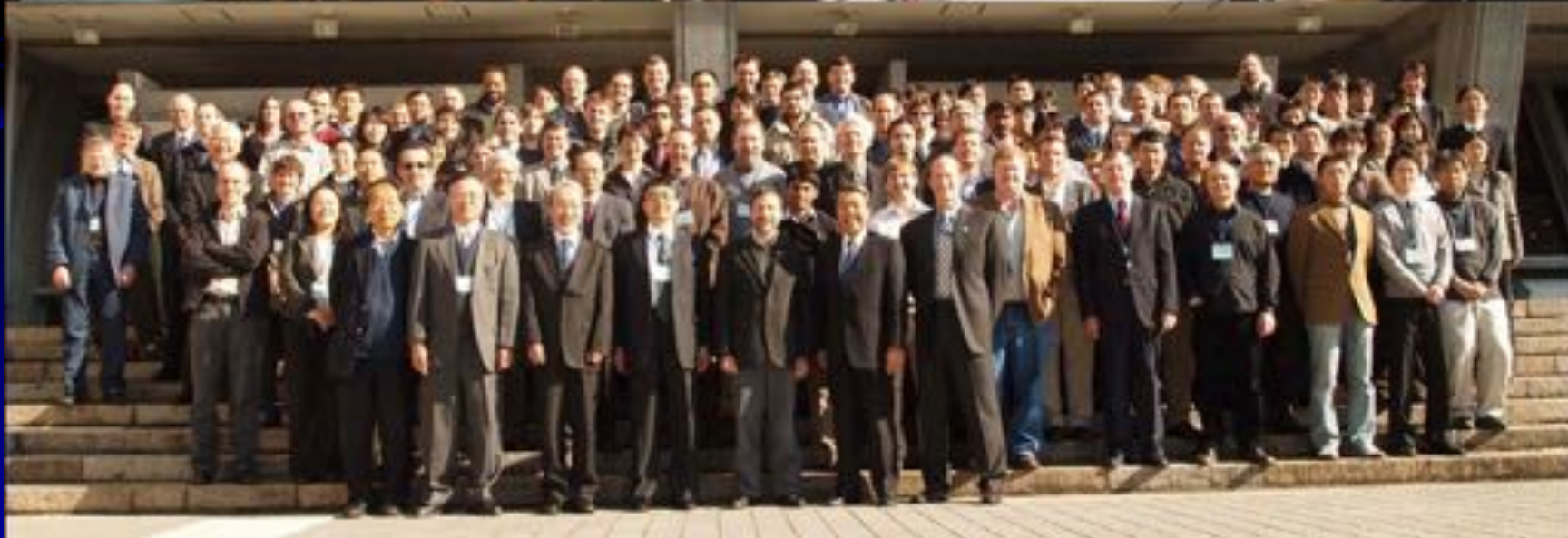
## Pasadena, 24 – 26 June 2008





# IWGGMS-6

## Kyoto, 26 – 27 January 2010



# IWGGMS-7

Edinburgh, 16 – 18 May 2011



# IWGGMS-8

## Pasadena, 18 – 20 June 2012



# Workshop Objectives (IWGGMS-9)

- The goal of this workshop is to assess the latest science and technologies in spaceborne measurement of greenhouse gases..
- In addition to the results of ongoing activities in this community, the workshop will address new scientific findings obtained from the current and past missions (**GOSAT, AIRS, SCIAMACHY, TES, and IASI**) as well as the concepts of the next-generation remote-sensing missions that are in preparation (**OCO-2, OCO-3, MERLIN, TanSat, GOSAT-2, CarbonSat, MicroCarb, A-SCOPE, ASCENDS, etc.**).
- Research topics covered in the workshop include:
  - instrument calibration,
  - data retrieval algorithm development,
  - data validation,
  - satellite data assimilation,
  - surface flux estimation,
  - satellite data application,
  - ground-based/airborne GHG measurement.

**43** orals

**35** posters

**78** presentations

# IWGGMS-9 Yokohama 29 –31 May 2013

