

## 3rd IWGGMS Agenda

2006/5/30 (Tue)		
9:00-9:30	<b>Registration</b>	
9:30-9:40	Opening Remarks	Yoshikawa for Tsukamoto (MOE)
	<b>CO2 Mission Progress and Overview</b>	Chair: T. Yokota
9:40-10:00	GOSAT Mission and Carbon Cycle Research in Japan	Y. Yasuoka (Univ. Tokyo)
10:00-10:20	OCO Mission Overview	D. Crisp (JPL)
	break	
	<b>Sensor and Project Status</b>	
10:40-11:00	GOSAT Project Status	T. Hamazaki (JAXA)
11:00-11:20	Global CO <sub>2</sub> and CH <sub>4</sub> Observation from TANSO on GOSAT	A. Kuze (JAXA)
11:20-11:50	OCO Project Status	C. Miller (JPL)
11:50-13:00	Lunch break	
	<b>Sensor Calibration &amp; Validation</b>	Chair: H. Shimoda
13:00-13:20	GOSAT Sensor Calibration Plan	K. Shiomi (JAXA/EORC)
13:20-13:40	Airborn CO <sub>2</sub> measurement network by commercial airliners	T. Machida (NIES)
13:40-14:00	Ground-based Greenhouse Gas Measurements at GAW Network China, Possible Satellite Validation Sites	L.. Zhou (CMA, China)
14:00-14:20	OCO Calibration Plan	C. Bruegge (JPL)
14:20-14:40	Discussion on Cal./Val.	
	break	
	<b>Retrieval Algorithms and Related Analysis</b>	Chair: R. Imasu
15:00-15:20	GOSAT SWIR Algorithms and Ground-based Experiment	T. Yokota (NIES)
15:20-15:40	GOSAT TIR Algorithm	N. Saitoh (CCSR)
15:40-16:00	OCO Algorithms	H. Boesch (JPL)
16:00-16:20	Measuring atmospheric CO <sub>2</sub> from SCIAMACHY using Full Spectral Initiation (FSI) WFM-DOAS	M. Barkley (Univ. Leicester, UK)
16:20-16:50	Discussion on Algorithm Research	
17:00	Adjourn	
2006/5/31 (Wed)		
8:45	Open the conference room	
	<b>Cloud and Aerosols</b>	Chair: G. Inoue
9:00-9:30	GOSAT CAI processing	T. Nakajima (CCSR)
	<b>Source/Sink Modeling</b>	
9:30-9:50	GOSAT inverse modeling	S. Maksyutov
9:50-10:10	Inversion of atmospheric CO <sub>2</sub> concentration continuous measurements	C. Carouge (NIES)
	break	
		Chair: S. Maksyutov
10:30-11:00	Retrieving surface sources and sinks of CO <sub>2</sub> from satellite data	P. Ciais & P. Rayner (LSCE, France)
11:00-11:30	Inverse modeling of CO sources using the MOPITT satellite data and overview of observing and modeling projects at NOAA/GMD	G. Petron (Univ. Colorado, USA)
11:30-12:10	Discussion & future meeting plan	(chair) Y. Yasuoka
12:20	Closing	
12:45	JAXA/NIES tour	

**Poster Presentation**

*poster explanation in break and lunch time	
Methane, carbon dioxide and carbon monoxide columns retrieved from SCIAMACHY near-infrared nadir spectra	M. Buchwitz (Univ. Bremen, Germany) et al.
GOSAT SWIR Monte-Carlo Simulations	S. Oshchepkov, A. Bril (NIES)
Near-Infrared Solar Absorption Spectra Measured by a Ground-Based High-Resolution FTS at Tsukuba: Retrieval Analysis of the CO <sub>2</sub> 1.6 μm Band	H. Ohyama (NIES) et al.
Foreign-Gas Pressure Broadening Measurement of the CO <sub>2</sub> (3 0 <sup>0</sup> 1) <sub>iii</sub> ←(0 0 0) Band using Continuous-Wave Cavity Ring-Down Spectroscopy	I. Morino (NIES) et al.
CO <sub>2</sub> concentration retrieval from IMG spectrum data	Y. Ota (NIES) et al.
Investigating vertical distribution of global cirrus clouds using the ICESat/GLAS observations	N. Eguchi (NIES)
Analysis of CO <sub>2</sub> absorption spectra measured by FTS (GOSAT-BBM) in SWIR region at the top of Mt. Tsukuba	Y. Yoshida (NIES)