GCOM Workshop 2009 Program
January 13 - 15, 2009
Pan Pacific Yokohama Bay Hotel Tokyu

GCOM-W1/AMSR2 session (Lang. English)

January 13, 2009, Prince Room (B1F)

Session 1: Introduction (Chair: T. Oki)

15:15 - 15:20 Welcome and meeting goals (JAXA/EORC)

15:20 - 15:40 Status of AMSR2 development (Norimasa Ito)

15:40 - 16:00 GCOM-W1 science (Taikan Oki)

16:00 - 16:20 GCOM-W1 research project (Keiji Imaoka)

16:20 - 16:30 Break

Session 2: Atmosphere (Chair: K. Aonashi)

16:30 - 16:45 Development of passive microwave precipitation retrieval algorithm for AMSR2 (Kazumasa Aonashi)

16:45 - 17:00 Oceanic rainfall for climate trends and variability based on microwave emission brightness (Long Sang Chiu)

17:00 - 17:15 Advancement of algorithms for retrieval of integrated water vapor and integrated cloud liquid water taking into account their mesoscale variability (Leonid Mitnik)

17:15 - 17:30 Development of retrieval algorithm of total water vapor content and total liquid water content for GCOM-W1 AMSR2 (Masahiro Kazumori)

17:30 - 17:50 Discussion

18:30 - 20:30 Reception, Ambassador's Ballroom (B2F)

January 14, 2009, Ambassador's Ballroom N (B2F)

Session 3: Cryosphere and Land Surface (Chair: T. Koike)

9:30 - 9:45	A combined active-passive algorithm for retrieval of soil moisture using AMSR and PALSAR (Venkat Lakshmi)
9:45 - 10:00	Improved AMSR-2 soil moisture algorithm and validation (Thomas J. Jackson)
10:00 - 10:15	Global monitoring of soil moisture, snow cover and vegetation biomass by using multi-frequency AMSR-2 data: Global Algorithms for the Monitoring of sURface parameters (GLAMOUR) (Simonetta Paloscia)
10:15 - 10:30	Development of AMSR2 algorithms for snow depth and soil moisture and a land hydrological data assimilation system (Toshio Koike)
10:30 - 10:40	Break
10:40 - 10:55	A Validation Plan of Soil Moisture Measurement Algorithm of AMSR 2 and Current Status of AMSR-E Validation in Mongolia (Ichirow Kaihotsu)
10:55 - 11:10	Development of NDVI prediction algorithm over Mongolia using GSMaP precipitation, reanalysis temperature and AMSE-R soil moisture (Hiroyuki Iwasaki)
11:10 - 11:25	Polar cryospheric monitoring related global environmental change using GCOM-W AMSR2 (Hiroyuki Enomoto)
11:25 - 11:40	Cryospheric applications of GCOM-W AMSR2 data at NSIDC (Walter Meier)
11:40 - 12:00	Discussion
12:00 - 13:30	**Lunch**

Session 4: Sea ice (Chair: K. Cho)

13:30 - 13:45	Enhanced algorithm for sea ice concentration using AMSR-2 data (Josefino C. Comiso)
13:45 - 14:00	AMSR2 sea ice concentration algorithm development (Thorsten Markus)
14:00 - 14:15	Developement of sea ice thickness and concentration algorithm in thin ice region (Sohey Nihashi for Keiichiro Oshima)
14:15 - 14:25	Break
14:25 - 14:40	Retrieval of sea ice types and properties from AMSR2 and MODIS (Georg Heygster)
14:40 - 14:55	A study on thin sea ice detection using AMSR2 data (Kohei Cho)
14:55 - 15:10	Toward high-resolution observations using UAVs in the Arctic (Jun Inoue)
15:10 - 15:25	Development and application of sea ice motion data in the Arctic Ocean derived by AMSR-E data (Koji Shimada)
15:25 - 15:35	Break
15:35 - 15:55	Discussion

Session 5: Ocean-1 (Chair: A. Shibata)

15:55 - 16:10	Algorithm Developments of SST ans SSW for AMSR-E and AMSR2 (Akira Shibata)
16:10 - 16:25	Validation of AMSR-E SST, comparison with in-situ and Aqua/MODIS SST data (Kohtaro Hosoda)
16:25 - 16:40	Algorithm development for GCOM-W AMSR2: Ocean suite (Chelle L. Gentemann)
16:40 - 17:00	Discussion

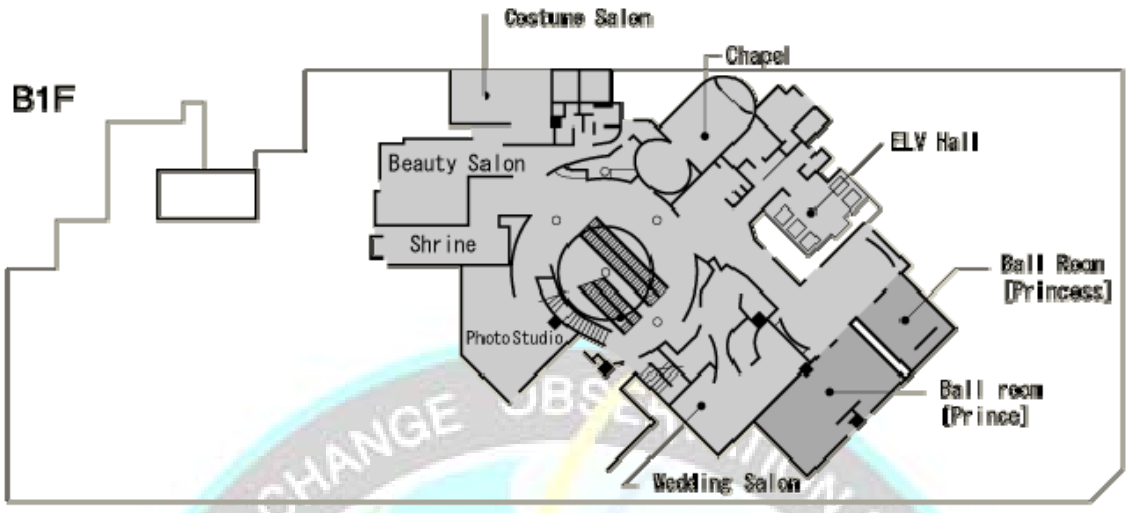
January 15, 2009, Ambassador's Ballroom N (B2F)

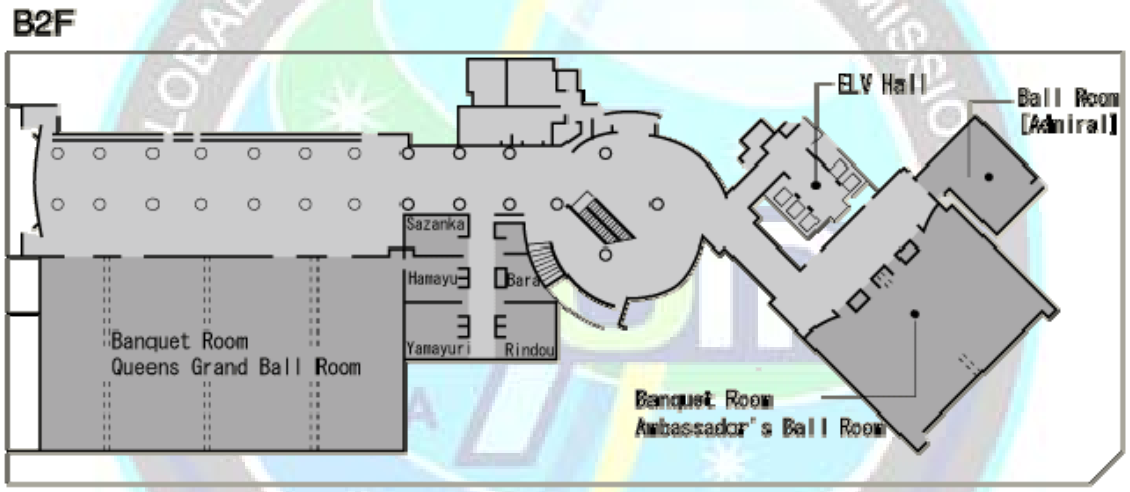
Session 6: Ocean-2 (Chair: N. Ebuchi)

9:30 - 9:45	Evaluation of wind speed algorithm of AMSR and AMSR-E using scatterometer-derived wind data (Naoto Ebuchi)
9:45 - 10:00	Estimation of surface specific humidity using microwave radiometer data (Shinsuke Iwasaki for Masahisa Kubota)
10:00 - 10:15	Validation of satellite-derived surface wind speed and air specific humidity at the JAMSTEC Kuroshio Extension Observatory (Shinsuke Iwasaki for Hiroyuki Tomita)
10:15 - 10:30	Construction and validation of gridded product of surface wind speed over the world ocean using AMSR-E data (Kunio Kutsuwada)
10:30 - 10:50	Discussion
10:50 - 11:00	Break

Session 7: Discussion and Future Plan (Chair: T. Oki)

11:00 - 11:45	Discussion and Future Plan
11:45	**Adjourn**


B1F
Costume Salon
Chapel
ELV Hall
Beauty Salon
Shrine
Photo Studio
Ball Room [Princess]
Ball room [Prince]
Wedding Salon


B2F
ELV Hall
Ball Room [Admiral]
Sazanka
Hamayu
Yamayuri
Rindou
Banquet Room
Queens Grand Ball Room
Banquet Room
Ambassador's Ball Room


Pacific Floor (25F)
ASD
D
T
PR
PL
PPS
PPS:Panpacific Suite
ASD:Atlantic Suite
D:Double Room
T:Twin Room
PL:Pacific Lounge
PR:Pacific Room