

ICWG 2016 – Final Program

Tuesday 17th May – Friday 20th May 2016

Université de Lille – Sciences & Technologies

Villeneuve d'Ascq - France

TUESDAY 17th MAY

Day	Time	Duration	Presenter	Title
Introduction Session				
Tues	8:45-9:15	30 min	Gathering	Registration
Tues	9:15-9:30	15 min	Jerome Riedi	Welcome to Lille and logistics
Tues	9:30-9:45	15 min	Rob Roebeling or Bryan Baum	ICWG-1 kick off and opening statements on meeting goals, objectives and explain role of TGs
Tues	9:45-10:00	15 min	Dong Wu	Introduction of Rapporteur and what CGMS expects from ICWG + ICWG Collaboration with other CGMS working groups
Tues	10:00 -10:25	25 min	Andrew Heidinger	Intro Keynote : NOAA Cloud Products and Status
COFFEE BREAK (10:30-11:00)				
Session 1: Retrieval Methods: New methods				
Tues	11:00-11:25	25 min	Steve Platnick	What we mean when we talk of uncertainties: Understanding the sensitivity of imager cloud optical and microphysical retrievals to algorithm choices
Tues	11:25-11:50	15 min	Stefan Horn	An overview of the cloud products from EarthCARE's imager

Tues	11:50-12:05	15 min	R. Yoshida	Overview of Himawari-8 operational cloud products
Tues	12:05-12:20	15 min	Ralf Bennartz	Passive microwave and visible/near infrared retrievals of boundary layer cloud physical properties
LUNCH BREAK (12:30-14:00) Restaurant Le Labo – Ascotel				
Session 2 – Retrieval Methods				
Tues	14:00-14:25	25 min	Jerome Riedi	Multisensor characterization of clouds : the EPS-SG sandbox
Tues	14:25-14:40	15 min	Laurent Labonnote	Retrieval of liquid cloud properties from POLDER3/PARASOL instrument : Advantages and limitations
Tues	14:40-14:55	15 min	Rabi Palikonda	SatCORPS Global Geostationary Cloud Parameters for Weather and Climate Applications
Tues	14:55-15:10	15 min	J. Liu	Retrieval of ice cloud optical thickness based on FY-2 satellite
Tues	15:10-15:25	15 min	Fu-Lung Chang	Retrieval of Cirrus Overlapping Lower Cloud Properties Using HIMAWARI-8 Data
COFFEE BREAK (15:30-16:00)				
Session 3: Cloud Parameter Assessments: Validation				
Tues	15:30 – 15:55	25 min	Yong-Sang Choi	Can clouds sufficiently change global climate sensitivity?
Tues	15:55 – 16:10	15 min	N. Benas	Validation and assessment of cloud optical and microphysical properties in CM SAF climate data records

Tues	16:10 – 16:25	15 min	Pat Minnis	Validation of Cloud Parameters Derived from Geostationary Satellites, AVHRR, MODIS, and VIIRS Using SatCORPS Algorithms
Tues	16:25 – 16:40	15 min	Herve Le Gleau	Validation of SAFNWC / Geo Cloud Products
Tues	16:40 – 16:55	15 min	A. Devasthale	Process-oriented comparison of CLARA-A2, PATMOS-x and MODIS cloud property data sets
Tues	16:55 – 17:10	15 min	B. Kahn	Process-oriented comparison of CLARA-A2, PATMOS-x and MODIS cloud property data sets
Tues	17:10 – 17:20	10 min		Day 1 Wrap-up – Ice Breaker Logistic
Tues	17:45 – 18:00	Bus transfer to Modern Art Musuem and Ice Breaker		
ICE BREAKER – Private Tour of Modigliani Exhibit – Dining Cocktail at LAM				
21:00 : Bus transfer back to conference hotel				

WEDNESDAY 18th MAY

CREW-type Analysis TG Meeting				
Wed	8:45-9:00	15 min		Day 2 Intro
Wed	9:00-10:30	90 min	TG #B Cloud Mask	TG #D Severe Weather
COFFEE BREAK (10:30-11:00)				
Wed	11:00-12:30	90 min	TG #A Assessment of Retrieval Uncertainties	TG #C Climate Products
LUNCH BREAK (12:30-14:00) <i>Conference hall – Lunch buffet</i>				
Wed	14:00-15:30	90 min	Poster session	
COFFEE BREAK (15:30-16:00)				
Wed	16:00-16:30	30 min	A. Heidinger	Cloud Retrieval Intercomparison
Wed	16:30-18:00	90 min	TGs Dicussions Continued	TGs Discussions Continued
Tues	18:00 – 18:10	10 min		Day 2 Wrap-up Workshop Diner Logistic
19:30 – 22:30 : WORKSHOP DINER : Couvent des Minimes – Lille Downtown				

THURSDAY 19th MAY

Session 4 : More cloud retrieval and aerosol-cloud retrievals (Note – no keynote)				
Thurs	8:40 - 8:45	5 min	J. Riedi	Day 3 Introduction
Thurs	8:45-9:00	15 min	N. Ferlay	A global multilayer cloud detection with POLDER instrument on PARASOL platform: principle and comparison with MODIS C5 and C6
Thurs	9:00-9:15	15 min	A. Garnier	Bridging lidar and thermal infrared cloud retrievals using CALIPSO observations
Thurs	9:15-9:30	15 min	T. Fauchez	Cirrus heterogeneity effect correction for MODIS-like 1 km TIR cloud property retrievals using VIS reflectances at 250 m
Thurs	9:30-9:45	15 min	Stefan Kinne	A plea to link satellite retrievals of aerosol and clouds
Thurs	9:45 – 10:00	15 min	Kerry Meyer	An imager-based retrieval of above-cloud absorbing aerosol optical thickness and the unbiased optical and microphysical properties of underlying marine stratocumulus clouds
Thurs	10:00-10:15	15 min	Bill Smith Jr	Incorporating Cloud Vertical Structure Information To Improve Cloud Ice And Liquid Water Path Estimates From Satellite Imager DATA
Thurs	10:15 – 10:30	15 min	All	Discussions

COFFEE BREAK (10:30-11:00)

Session 5 : Climate applications and links to other CGMS working groups				
Thurs	11:00-11:25	25 min	Steve Sherwood	Deducing cloud feedbacks from present-day observations - can it be done?
Thurs	11:25-11:40	15 min	Rich Frey	35 Year Record of High Cloud Properties from HIRS
Thurs	11:40-11:55	15 min	Caroline Poulsen	The ATSR cloud climatology and CC4CL algorithm
Thurs	11:55-12:10	15 min	Dave Winker	A cloud dataset for climate from CALIOP
Thurs	12:10-12:25	15 min	Stapelberg, S.	Observing Arctic clouds from satellite: a comparison study
Thurs	12:25-12:40	15 min	Mike Foster	Adding HIRS to PATMOSx
LUNCH BREAK (12:40-14:00) Conference hall – Lunch buffet				

Session 4: Weather Applications and Processes Analysis				
Thurs	14:00-14:25	25 min	Mike Pavolonis	Utilization of Satellite Derived Cloud Properties in Multi-sensor Severe Weather Applications
Thurs	14:25-14:40	15 min	Marie Doutriaux-Boucher (on behalf of Rob Roebeling)	Satellite precipitation retrievals using cloud physical properties
Thurs	14:40-14:55	15 min	Michael Cooke	Retrieval of cloud parameters and their use in Nowcasting and NWP at the Met Office
Thurs	14:55-15:10	15 min	Ulrich Hamman	Nowcasting of thunderstorms and

				severe convection in Switzerland
Thurs	15:10-15:25	15 min	Meirink, J. F.	Cloud physical property based retrieval of surface solar irradiance and its application for weather model evaluation
COFFEE BREAK (15:30-16:00)				

Session 4: Weather Applications and Processes Analysis (Contd.)				
Thurs	16:00-16:15	15 min	Kristopher Bedka	Weather and Climate Applications of an Automated Satellite-Imager Based Hazardous Storm Updraft Detection Product
Thurs	16:15-16:30	15 min	Martin Stengel	Observing the glaciation process in clouds: Assessing the capabilities of existing global cloud datasets
Thurs	16:30-16:45	15 min	Hartwig Deneke	Spatio-Temporal Variability of Warm Convective Clouds Observed By METEOSAT SEVIRI and Its Thurs Implications For Passive Cloud Retrievals
Thurs	16:45-17:00	15 min	YunFei Fu	The Relationship between Cloud Liquid Water Path and Precipitation Vertical Structure in Summer East Asia
Thurs	17:00-17:15	15 min	S. Chellappan	Diurnal cycle of South Atlantic boundary layer cloud properties from SEVIRI and TMI retrievals
Thurs	17:15-17:55	40 min	All	Discussions
Thurs	17:55-18:00	5 min		Day 3 wrap-up and objectives for Day 4

FRIDAY 20th MAY

SUMMARY OF TG discussions				
Fri	9:00-9:15	15 min		Day 4 Intro
Fri	9:15-10:30	75 min	TG #B Cloud Mask	TG #D Severe Weather
		75 min	TG #A Assessment of Retrieval Uncertainties	TG #C Climate Products
<i>COFFEE BREAK (10:30-11:00)</i>				
Wed	11:00-12:00	60 min	Presentation of TGs conclusions & perspectives during plenary session	
<i>12:00 : WORKSHOP Wrap-up / Adjourn</i>				