

## Agenda 2nd EPS/Metop RAO Workshop

Wednesday 20 May 2009				
14:00-15:00				<i>Registration</i>
	<b>Agency</b>			<b><i>SESSION 1 EPS/Metop Mission Status and other Missions. Chair: Antonio Conesa/AEMET</i></b>
15:00-15:10	<b>EUM</b>	M. Cohen		Welcome by EUMETSAT
15:10-15:20	<b>ESA</b>	E. Oriol		Welcome by ESA
15:20-15:30	<b>ESA/EUM</b>	X. Calbet E. Oriol		EPS/MetOp RAO
15:30-16:00	<b>EUM</b>	M. Cohen		The EPS/Metop System
16:00-16:30				<i>Coffee pause</i>
16:30-17:00	<b>EUM</b>	Dieter Klaes		The Status of EPS/Metop System Applications
17:00-17:30	<b>CNES</b>	Thierry Phulpin		IASI on Metop-A: instrument status, performance budget and main results for meteorology and air composition monitoring
17:30-18:00	<b>ECMWF</b>	J.-N. Thépaut		The impact of Metop on Numerical Weather Prediction
18:00-18:30	<b>CDTI</b>	E.Vez		Current Spanish activities and objectives of Earth Observation programmes
18:30-20:30				<b><i>EUMETSAT Icebreaker Cocktail</i></b>
Thursday 21 May 2009				
	<b>Agency</b>			<b><i>SESSION 1 Continuation. Chair: Antonio Conesa/AEMET</i></b>
09:00-09:30	<b>CSIC</b>	J. Font		SMOS: ESA's water mission
	<b>P # or Agency</b>			<b><i>SESSION 2 Meteorology, Hydrology and Land. Chair: Paul Ingmann</i></b>
09:30-09:50	<b>AEMET</b>	M.A. Martinez		Comparison of instability indices, total and layer precipitable water from NWC SAF and IASI retrievals
09:50-10:10	3049	P. Ricaud		Validation of tropospheric water vapour as measured by the 183-GHz Radiometer HAMSTRAD with IASI and sondes over the Pyrenees mountains, France
10:10-10:30	2916	J.C. Jimenez/ J.A. Sobrino		A split window algorithm for land surface temperature retrieval from Metop/AVHRR-3 data

## Agenda

### 2nd EPS/Metop RAO Workshop

10:30-10:50	2997	E. Lopez-Baeza		Soil moisture characterization of the Valencia anchor station, ground, aircraft measurements simulations
10:50-11:10				<b>Coffee pause</b>
11:10-11:30	2954	Z. Bartalis		Evaluating the first two years of ASCAT backscatter and soil moisture
11:30-11:50	2970	A. Bentamy		Characterization of ASCAT measurements based on buoy and QuickSCAT wind vector observations
11:50-12:10	2970	A. Bentamy		Determination of surface wind vector and stress fields using Metop/ASCAT and QuickSCAT/SeaWinds retrievals
12:10-12:30	2970	F. Girard-Arduin		ASCAT/Metop scatterometer data: first results for sea ice study
12:30-12:50	3056	S. Riazanoff		Contribution of Metop ASCAT data for land surface parameter monitoring over a Sahelian area
12:50-14:40				<b>Lunch</b>
	<b>P #</b>			<b>SESSION 2 Continuation. Chair: Dieter Klaes</b>
14:40-15:00	3031	M. Portabella		Analysis of ASCAT 3-dimensional measurement space
15:00-15:20	3032	M. Portabella		Development of an ASCAT coastal wind product
15:20-15:40	2879	T. Wagner		Global time series of total column precipitable water from GOME-2 and SCHIAMACHY
15:40-16:10				<b>POSTER SESSION</b> <b>Coffee pause</b>
	<b>P #</b>			<b>SESSION 3 Climate and Atmospheric Chemistry. Chair: Thierry Phulpin</b>
16:10-16:30	3045	J. Remedios		Progress in investigating signatures of atmospheric and surface climate variables through analyses of infrared spectra (SATSCAN-IR)
16:30-16:50	3030	H. Mannstein		Automatic tracking of the life cycle of contrails
16:50-17:10	3057	U. Foeschle		The potential of GRAS to contribute to climate monitoring
	<b>P #</b>			<b>SESSION 4: Discussion Session. Chair: Xavier Calbet</b>
17:10-17:40				Discussion on EPS/Metop
20:00-23:00				<b>ESA Dinner</b>

## Agenda 2nd EPS/Metop RAO Workshop

<b>Friday 22 May 2009</b>				
	<b>Agency</b>			<b><i>SESSION 1 Continuation. Chair: Antonio Conesa</i></b>
09:00-09:30	<b>ESA</b>	S. Briggs		Status of relevant ESA's Earth Observation Programmes
	<b>P #</b>			<b><i>SESSION 3 Climate and Atmospheric Chemistry. Chair: Michael Berger</i></b>
09:30-09:50	3037	B. Latter		RAL Metop RAO Cal/Val and data exploitation
09:50-10:10	2973	F. Schreier		First results on atmospheric composition retrieval using IASI-Metop and AIRS-Aqua data
10:10-10:30	2904	C. Clerbaux		Monitoring of atmospheric composition using the thermal infrared IASI sounder
10:30-10:50	3050	M. Begoin		Improvements in GOME-2 retrievals of NO <sub>2</sub>
10:50-11:10				<b><i>Coffee pause</i></b>
11:10-11:30	3049	P. Ricaud		Equatorial total column of nitrous oxide as measured by IASI on Metop-A: implications for transport processes
11:30-11:50	2904	B. Barret		Fast retrievals of O <sub>3</sub> vertical profiles from IASI radiances: first results and validation
11:50-12:10	2904	G. Dufour		Tropospheric ozone measured with IASI
12:10-12:30	3023	C. Lambert		NDACC network support of O <sub>3</sub> M-SAF continuous development and operations for GOME-2 trace gas data
12:30-12:50	2904	S. Turquety		Tracking the emission and transport of pollution from wildfires using the IASI/Metop observations
				<b><i>Workshop CLOSE OUT</i></b>

**ANNEX I**  
**2nd EPS/Metop RAO Workshop**

**LIST OF POSTERS**

<b>P#</b>	<b>Researcher</b>	<b>Title</b>
2913	T. Kerzenmacher	Comparisons of methane retrievals from IASI radiance spectra with ground-based FTIR measurements in the arctic and the tropics
2970	D. Croizé-Fillon	An ASCAT data stream from SAF OSI up to users through CERSAT and LOS
3045	J. Remedios	Tropospheric CO observations using IASI datasets and an optimal estimation retrieval method
3060	P. Stammes	The FRESCO cloud product for GOME-2 in support of atmospheric chemistry observations