



2005 EUMETSAT METEOROLOGICAL SATELLITE CONFERENCE

DUBROVNIK, CROATIA
19 - 23 SEPT 2005



DRAFT POSTER PROGRAMME

DEDICATED POSTER SESSION

TUESDAY 20TH SEPTEMBER

13:45 TO END OF AFTERNOON

Posters will be on display for the entire week
Stand numbers will be assigned at the Conference

SESSION 2 METEOROLOGICAL APPLICATIONS

MSG and Meteosat-7 comparison in precipitation estimation methods. Effects of the new spatial and temporal resolution

Paolo Boi, Servizio Agrometeorologico Regionale della Sardegna, Italy

Detection of fog ground contact using MSG SEVIRI data

Jan Cermak, Philipps-University of Marburg, Germany

Analysis of flash flood rainfall over Red Sea and Sinai by satellite images in November 1994

Mohamed Dawod, Egyptian Meteorological Authority

Combined use of Meteosat-8 images, radar data and NWP outputs in nowcasting of special weather situations in Hungary - Case studies

Márta Diószeghy, Hungarian Meteorological Service

Future directions in value-added data formats

Paul Eglitis, EUMETSAT

ATOVS AMSU-A usage over all surfaces in DMI-HIRLAM

Jakob Grove-Rasmussen, Danish Meteorological Institute

Meteosat-8 imaging performance

Christopher Hanson, EUMETSAT

Automatic cloud classification with supervised learning on SEVIRI data using support vector machines method

Mateja Irsic Zibert, Environmental Agency of the Republic of Slovenia - Met Office

EUMETSAT's archive: Online ordering, a easier way to acquire your data

Marc Jenner, EUMETSAT

Application of satellite meteorology for aviation activities in Ethiopia

Fesseha Atsbeha Kidane, National Meteorological Services Agency (NMSA), Ethiopia

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Using Meteosat Second Generation images to detect anomalous propagation in weather radar observations

Adolfo Magaldi, Universitat de Barcelona, Spain

Validation of MSG precipitation products with Hungarian radar and surface measured rain gauge data

Maria Putsay, Hungarian Meteorological Service

The use of dual-frequency multi-altimeter missions: Application to enhanced sea surface roughness characterization in tropical cyclones

Yves Quilfen, IFREMER, France

Future EPS data services

Ernst Schaffner, EUMETSAT

Operational use of Meteosat-8 SEVIRI data and derived nowcasting products

Nataša Strelec Mahović, Meteorological and Hydrological Service, Croatia

1D-variational cloud retrieval from SEVIRI data

Ruth Taylor, Met Office, United Kingdom

Comparison of an optical and a passive microwave rainfall retrieval over north-western Africa

Boris Thies, University of Marburg, Germany

The nowcasting SAF Polar Platform System software package (PPS) - Status

Anke Thoss/Anke Tetzlaff, Swedish Meteorological and Hydrological Institute

Meteorological satellite activities within the International Precipitation Working Group (IPWG)

Joe Turk, Naval Research Laboratory, USA

Near-real time UV index maps using Meteosat Second Generation

Jean Verdebout, European Commission - Joint Research Centre, Italy

EUMETCAST: Current status and future upgrade plans

Sally Wannop, EUMETSAT

**SESSION 3
TRAINING**

The WMO/CGMS virtual laboratory for education and training in satellite meteorology: Current status and future plans

Gordon Bridge, EUMETSAT

MSG training provided by the South African Weather Service

Name TBD, South African Weather Service

SESSION 4 LAND SURFACE APPLICATIONS

The LSA-SAF evapotranspiration product - First results with MSG

Alirio Arboleda, Institut Royal Météorologique, Belgium

Early validation of MSG vegetation products over the Iberian Peninsula

Fernando Camacho-De-Coca, University of Valencia, Spain

Comparison of downwelling surface longwave radiation fluxes derived from Meteosat-8 with in situ measurements

Carlos Da Camara, Instituto de Meteorologia, Portugal

Validation of the LSA SAF FVC and LAI prototype algorithm with Polder/Adeos data over western Europe

Francisco Javier Garcia-Haro, University of Valencia, Spain

Ocean and sea ice SAF radiative flux products estimated from AVHRR data at high latitudes

Oystein Godoy, Norwegian Meteorological Institute

Automated snow mapping and monitoring using GOES imager: perspectives for GOES-R

Peter Romanov, NOAA/NESDIS

Impact of land surface heterogeneities on satellite measurements

Isabel Trigo, Instituto de Meteorologia, Portugal

SESSION 5 CLIMATE OBSERVATIONS

Surface albedo of arctic sea ice operationally – Cooperation of Climate-SAF and Ocean and Sea Ice SAF

Kaj Andersson, Finnish Meteorological Institute

Diurnal asymmetry in the GERB SW fluxes

Cédric Bertrand, Institut Royal Météorologique, Belgium

Initial operation of the CM-SAF TOA flux products

Didier Caprion, Institut Royal Météorologique, Belgium

Remote sensing of water vapour under all sky conditions

Heike Hauschildt, Institute of Marine Research (IFM-GEOMAR), Germany

Arctic sea ice albedo variability and trends, 1982 – 1998

Vesa Laine, Finnish Meteorological Institute

Using satellite-derived data for European climate monitoring

Helga Nitsche, Deutscher Wetterdienst

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**SESSION 6
CLOUDS, AEROSOLS AND ATMOSPHERIC
COMPOSITION FROM SATELLITES**

Cloud radiative forcing from SEVIRI data: Possible effects of air pollution

Elsa Cattani, CNR-ISAC, Italy

Satellite characterization of power plant aerosol emissions

Maria João Costa, University of Evora, Portugal

A user-friendly satellite signal simulator using Monte-Carlo and line-by-line techniques for multiple scattering layered atmospheres

Boris Fomin, Russian Research Center Kurchatov Institute

Pixel-based composite TOA clear sky reflectances for SEVIRI visible images

Alessandro Ipe, Institut Royal Météorologique, Belgium

Improving the AVHRR estimates of the Adriatic sea surface temperature

Milivoj Kuzmić, Rudjer Boskovic Institute, Croatia

Remote sensing of vertical integrated water vapor using SEVIRI infrared measurements

Martin Stengel, Freie Universität Berlin, Germany

Validating the PPS Cloud Top Height product using LIDAR data

Anke Tetzlaff, Swedish Meteorological and Hydrological Institute

Progress and promise for observing tropospheric gas variations with satellite advanced IR sounders

Alexander Uspensky, Research Center for Space Hydrometeorology "Planeta", Russian Federation

Remote sensing of African dust using MSG/SEVIRI: Towards a multichannel dust index

Gaëlle Verge-Depre, LOA/USTL Université des Sciences et Technologies de Lille, France

Comparison of the diurnal cycle of convective precipitation and the frequency of cold ice clouds

Andi Walther, Freie Universität Berlin, Germany

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