

Conferences and Meetings

On this page, you will find contributions of RMIB GERB Team to GIST meetings and international conferences and some associated resources, including slide presentations, posters and papers.

2015

- March 17-20: **CM SAF International Board Meeting** @ Offenbach (Germany)
 - "TOA Radiation GERB dataset - 2nd edition - Development Status", Nicolas Clerbaux
[Presentation \(PDF\)](#)

2014

- October 7-10: **Joint CERES-GERB and SCARAB Earth Radiation Budget workshop** @ Toulouse (France)
 - "BARG/HR filled products and release", Edward Baudrez
[Presentation \(PDF\)](#)
 - "The Climate Monitoring SAF TOA Radiation products", Nicolas Clerbaux
[Presentation \(PDF\)](#)
 - "RMIB GERB Processing (RGP) Status Report", Nicolas Clerbaux
[Presentation \(PDF\)](#)
 - "On the processing of G1 with SEV3", Nicolas Clerbaux
[Presentation \(PDF\)](#)
- September 22-26: **EUMETSAT Meteorological Satellite Conference** @ Genève (Switzerland)
 - "New developments in the GERB products suite: BARG and HR Edition release", Edward Baudrez
[Abstract \(PDF\)](#)
[Poster \(PDF\)](#)
- April 28 - May 2: **European Geosciences Union General Assembly** @ Vienna (Austria)
 - "Planned update of GERB Edition 1 TOA fluxes", Alessandro Ipe
[Poster \(PDF\)](#)
- March 24-28: **GSICS Workshop** @ Darmstadt (Germany)
 - "Spectral ageing model for the Meteosat First Generation visible band", Ilse Decoster
[Presentation \(PDF\)](#)
- March 10-12: **The Climate Monitoring SAF User Workshop** @ Grainau (Germany)
 - "Modeling the spectral aging of the Meteosat/MVIRI visible channel: possible use for CM SAF datasets generation", Ilse Decoster
[Poster \(PDF\)](#)
 - "The CM SAF Top-Of-Atmosphere Radiation Products", Nicolas Clerbaux
[Poster \(PDF\)](#)
- March 4-7: **Fourth Cloud Retrieval Evaluation Workshop** @ Grainau (Germany)
 - "Update of the SEVIRI scene identification within the GERB processing for Edition 2", Alessandro Ipe

[Presentation \(PDF\)](#)

2013

- September 17-18: **GIST 32** @ RMIB, Brussels (Belgium)
 - “Sunlint filling: status update”, Edward Baudrez
[Presentation \(PDF\)](#)
- April 23: **Observation Department Day** @ RMIB, Brussels (Belgium)
 - “Presentation “GERB team””, Nicolas Clerbaux
[Presentation \(PDF\)](#)

2012

- October 22-25: **Earth Radiation Budget Workshop 2012** @ Geophysical Fluid Dynamics Laboratory (GFDL), Princeton, NJ (USA)
 - “Sunlint Filling: Status Update”, Edward Baudrez
[Presentation \(PDF\)](#)
 - “Composite TOA clearsky solar fluxes for the GERB processing”, Alessandro Ipe
[Presentation \(PDF\)](#)
 - “Cloud detection using SEVIRI IR channels for the GERB processing”, Alessandro Ipe
[Presentation \(PDF\)](#)
- September 3-7: **EUMETSAT Meteorological Satellite Conference** @ Sopot (Poland)
 - “Cloud detection using SEVIRI IR channels for the GERB processing”, Alessandro Ipe
[Poster \(PDF\)](#)
- August 6-10: **International Radiation Symposium** @ Berlin (Germany)
 - “Composite TOA clearsky solar fluxes for the GERB processing”, Alessandro Ipe
[Poster \(PDF\)](#)

2011

- September 22-23: **GIST 31** @ Rutherford Laboratories, Abingdon (UK)
 - “Sun glint removal for GERB Edition-1”, Edward Baudrez
[Presentation \(PDF\)](#)
- September 5-9: **EUMETSAT Meteorological Satellite Conference** @ Oslo (Norway)
 - “Composite TOA clearsky solar fluxes for the GERB processing”, Alessandro Ipe
[Poster \(PDF\)](#)

2010

- November 25: **ESSC Remote Sensing workshop** @ VUB, Brussels (Belgium)
 - “Detection of aerosols and other climatological effects by remote sensing using GERB/SEVIRI”, Stijn Nevens
[Presentation \(PDF\)](#)

- September 20-24: **EUMETSAT Meteorological Satellite Conference** @ Córdoba (Spain)
 - “Modeling of the ageing effects on Meteosat First Generation Visible Band”, Ilse Decoster [Presentation \(PDF\)](#)
 - “Pixel-based composite TOA clearsky reflectances for SEVIRI visible images”, Alessandro Ipe [Poster \(PDF\)](#)
- September 13-16: **Earth Radiation Budget Workshop** @ Paris (France)
 - “Modeling of the ageing effects on Meteosat First Generation Visible Band”, Ilse Decoster [Presentation \(PDF\)](#)
 - “Extending TOA radiation back to 1978 using wide field-of-view data”, Edward Baudrez [Presentation \(PDF\)](#)
- September 06-08: **3rd CM-SAF User Workshop** @ Rostock (Germany)
 - “Extending TOA radiation back to 1978 using wide field-of-view data”, Edward Baudrez [Presentation \(PDF\)](#)
 - “Aerosol Optical Depth Retrieval from Geostationary Satellites”, Stijn Nevens [Presentation \(PDF\)](#)
- May 2-7: **EGU General Assembly** @ Vienna (Austria)
 - “Cloud detection using SEVIRI IR channels for the GERB processing”, Alessandro Ipe [Poster \(PDF\)](#)

2009

- September 8-10: **GIST 29** @ London (UK)
 - “Cloud detection using SEVIRI IR channels”, Alessandro Ipe [Presentation \(PDF\)](#)
 - “GERB Edition 1 and CERES scene identification comparisons”, Alessandro Ipe [Presentation \(PDF\)](#)
- February 3-5: **Cloud Parameter Retrieval Workshop II** @ Locarno (Switzerland)
 - “Cloud detection using SEVIRI IR channels for the GERB processing”, Alessandro Ipe [Presentation \(PDF\)](#)

2008

- October 29-30: **GIST 28** @ GISS, New York (USA)
 - “Comparison of GERB Instantaneous Radiance and Flux Products with CERES Edition-2 Data” [Presentation \(PPT\)](#)
 - “Updates on the SEVIRI scene identification”, Alessandro Ipe [Presentation \(PDF\)](#)

2005

- September 19-23: **EUMETSAT Meteorological Satellite Conference** @ Dubrovnik (Croatia)
 - “Pixel-based composite TOA clearsky reflectances for SEVIRI visible images”

- [Proceedings \(PDF\)](#)
 - “Narrowband-to-broadband conversions for SEVIRI”
[Proceeding \(PDF\)](#)
- **Annual meeting société française de physique @ Lille (France)**
 - “Overview of the Geostationary Earth Radiation Budget (GERB) Experiment”, Nicolas Clerbaux
[Presentation \(PPT\)](#)

2004

- November 8-10: **22nd GIST Meeting @ Brussels (Belgium)**
 - “Update on SEVIRI scene identification”
[Presentation \(PDF\)](#) [Movie 1 \(GIF\)](#) [Movie 2 \(GIF\)](#) [Movie 3 \(GIF\)](#) [Movie 4 \(GIF\)](#)
- November 2-4: **2nd CERES-II Science Meeting @ Williamsburg, Virginia (USA)**
 - “Estimation of TOA clearsky images with SEVIRI”
[Presentation \(PDF\)](#) [Movie 1 \(GIF\)](#) [Movie 2 \(GIF\)](#) [Movie 3 \(GIF\)](#)
- October 19-20: **GERB Data Meeting @ London (UK)**
 - “Update on SEVIRI scene identification”
[Presentation \(PDF\)](#) [Movie 1 \(GIF\)](#) [Movie 2 \(GIF\)](#) [Movie 3 \(GIF\)](#)
- March 29 - April 2: **Joint CERES-II and GERB Science Team Meetings @ Boulder, Colorado (USA)**
 - “Validation of GERB scene ID for CERES ADM selection”
[Presentation \(PDF\)](#)
 - “ADMs anisotropic correction factors and mixed clear scene types: a sensitivity study”
[Presentation \(PDF\)](#)

2003

- August 3-8: **48th SPIE Annual Meeting @ San Diego, California (USA)**
 - “Estimation of TOA Radiative Fluxes from the GERB Instrument Data”
[Slides \(PDF\)](#) [Proceedings \(PDF\)](#)
- May 14-16: **18th GIST Meeting @ Valencia (Spain)**
 - “RMIB geolocation assessment with RGP”
[Presentation \(PDF\)](#)
 - [Mission report \(PDF\)](#)
- April 6-11: **EGS-AGU-EUG Joint Assembly @ Nice (France)**
 - “Use of the MSA products as an adequate representation of the surface albedo in the ALADIN-Belgium NWP model”
[Poster \(PDF\)](#)
 - “Estimation of the 2002 Mount Etna volcanic plume radiative forcing from Meteosat-7 data”
[Presentation \(PDF\)](#)
 - “First TOA fluxes from the Geostationary Earth Radiation Budget (GERB) Instrument”
[Presentation \(PDF\)](#)

- “Parameterization of look-up tables for cloud optical depth estimation from visible narrowband reflectances”
[Presentation \(PDF\)](#)
- February 12th: **Conference of Dr. Yves Govaerts (EUMETSAT)** @ RMIB, Brussels (Belgium)
 - “Meteosat surface albedo”
[Presentation \(PDF\)](#)
- February 5th: **17th GIST meeting** @ Imperial College, London (UK)
 - “RMIB First Results”
[Presentation \(PDF\)](#)
 - “Unfiltering of the GERB2 Data”
[Presentation \(PDF\)](#)
 - [Mission report \(PDF\)](#)

2002

- October 30th: **Conference of Dr. Cedric Bertrand** @ RMIB, Brussels (Belgium)
 - “Radiative Fluxes Comparison: Model (ALADIN) Versus Observation (GERB)”
[Presentation \(PDF\)](#) (7MB)
- September 22-27: **SPIE 9th International Symposium on Remote Sensing** @ Crete (Greece)
 - “CM-SAF high resolution radiation budget products”
[Proceeding \(PDF\)](#) [Presentation \(PDF\)](#)
 - “Validation and homogenization of cloud properties retrievals for RMIB GERB/SEVIRI scene identification”
[Proceeding \(PDF\)](#) [Presentation \(PDF\)](#)
- September 17-19: **27th CERES Science Team Meeting** @ Princeton, New Jersey (USA)
 - “Status of the GERB data Processing System at Launch”, RMIB Co.I. Report
[Presentation \(PDF\)](#)
 - “GERB Inversion - Summary and Validation Plan”, ADM WG
[Presentation \(PDF\)](#)
- **EUMETSAT Meteorological Satellite Conference** @ Dublin (Ireland)
 - “Regional Bias in the OLR Estimated from the Geostationary Orbit”
[Proceeding \(PDF\)](#) [Poster \(PDF\)](#)
 - “Homogenisation of the reflected solar fluxes in the Climate Monitoring SAF”
[Proceeding \(PDF\)](#) [Poster \(PDF\)](#)
- April 21-26: **XXVIIth EGS General Assembly** @ Nice (France)
 - “The use of GERB-like Fluxes to Validate NWP Models”
[Presentation \(PDF\)](#)
 - “Generation of TOA Radiative Fluxes from the GERB Instrument Data”
[Presentation \(PDF\)](#)
 - “TOA Clear-Sky Reflectance for GERB/SEVIRI Scene Identification”
[Poster \(PDF\)](#)
 - [Mission Report \(PDF\)](#)
- January 21-25: **Joint CERES and GERB Science Team Meetings** @ RMIB, Brussels (Belgium)
 - “Validation and Homogenisation of Cloud Properties Retrievals for RMIB GERB/SEVIRI

Scene Identification”

[Presentation \(PDF\)](#)

- “GERB LW Radiance-to-Flux Conversion”

[Presentation \(PDF\)](#)

2001

- October 1-5: **EUMETSAT Meteorological Satellite Data Users' Conference** @ Antalya (Turkey)
 - “Validation and Homogenisation of Cloud Properties Retrievals for RMIB GERB/SEVIRI Scene Identification”
[Proceedings \(PDF\)](#) [Presentation \(PDF\)](#)
 - “Derivation of Top Of the Atmosphere Radiative Fluxes from SEVIRI: Methodology, Accuracy and Perspectives”
[Proceedings \(PDF\)](#) [Presentation \(PDF\)](#)

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Last update: **2015/05/07 13:22**