

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 presentations, posters and papers.

2023

- September, 10-15: **EUMETSAT Meteorological Satellite Conference** @ Malmö, Sweden
 - “ Geostationary Earth Radiation Budget (GERB): status update and user-friendly access to GERB data using Python”, Pierre de Buyl
[Presentation](#)

2022

- July, 04-08: **International Radiation Symposium (IRS)** @ Thessaloniki, Greece
 - “Preliminary Validation of 18 Years of Broadband Radiation Data from the Geostationary Earth Radiation Budget (GERB) Instruments”, Christine Aebi
 [Presentation \(PDF\)](#)

2021

- September, 20-24: **EUMETSAT Meteorological Satellite Conference** @ virtual
 - “Analysis and validation of 17 years of broadband radiation data from the Geostationary Earth Radiation Budget (GERB) instruments”, Christine Aebi
[Poster](#)

2020

- September, 15-17: **34th CERES Science Team Meeting** @ virtual
 - “Validation of 16 years of broadband radiation data from the GERB instruments”, Christine Aebi
[Presentation \(PDF\)](#)
- September, 15-17: **34th CERES Science Team Meeting** @ virtual
 - “Dual View Clear-Sky Top-of-Atmosphere Albedo From Meteosat Second Generation Satellites”, Alexandre Payez
https://ceres.larc.nasa.gov/documents/STM/2020-09/31_alexandre_payez.pdf

2019

- May, 7-9: **31st CERES Science Team Meeting** @ Hampton, USA
 - “Status of GERB-3 and GERB-4 products and validation”, Christine Aebi

[Presentation \(PDF\)](#)

- May. 13-17: **Joint Living Planet Symposium** @ Milan, ITALY
 - “Surface Soil Moisture: toward a new combined dataset to maximize the use of satellite data”, William Moutier
 [Poster \(PDF\)](#)
- June. 3-5: **EUMETSAT Satellite Application Facility on Climate Monitoring (CM SAF) User Workshop** @ Mainz, GERMANY
 - “Regional Land Fluxes TCDR within the EUMETSAT CM SAF: Sensible and Latent Heat Fluxes”, William Moutier
 [Poster \(PDF\)](#)
- July, 8-18: **27th IUGG General Assembly** @ Montreal, CANADA
 - “Comprehensive Validation of the Top-Of-Atmosphere Fluxes from the GERB Instruments”, Christine Aebe
[Abstract](#)

2018

- Sept. 10-13: **Joint CERES-GERB and SCARAB Earth Radiation Budget workshop** @ Boulder, CO (USA)
 - “RGP Status / GERB 3 Processing Results”, Edward Baudrez
https://ceres.larc.nasa.gov/documents/STM/2018-09/2018_baudrez_rgp_status_report.pdf
 - “GERB 2 Indian Ocean Processing Update”, Johan Moreels
https://ceres.larc.nasa.gov/documents/STM/2018-09/GERB-2_Indian_Ocean_Processing_Update.pdf
 - “Combining GERB Observations With the Newly Released CM SAF AOD Data record”, Nicolas Clerbaux
https://ceres.larc.nasa.gov/documents/STM/2018-09/Presentation_ERB_WS_2018_Nicolas_Clerbaux.pdf
 - “Developing an AVHRR-based CDR of TO radiative fluxes within the CMSAF Project”, Tom Akkermans
https://ceres.larc.nasa.gov/documents/STM/2018-09/CERES_ERBW_2018-09_FINAL4.pdf
- Sept. 17-21: **Joint EUMETSAT Meteorological Satellite Conference** @ Tallin, ESTONIA
- “Regional Land Fluxes TCDR within the EUMETSAT Climate Monitoring SAF: Evapotranspiration and Latent and Sensible Heat Fluxes”, William Moutier
 [Poster \(PDF\)](#)

2017

- April 23-28: **European Geosciences Union General Assembly** @ Vienna (Austria)
 - “MVIRI/SEVIRI TOA Radiation Datasets within the Climate Monitoring SAF”, Manon Urbain
 [Poster \(PDF\)](#)

2016

- October 18-21: **Joint CERES-GERB and SCARAB Earth Radiation Budget workshop** @ Reading (UK)
 - “Meteosat MVIRI/SEVIRI TOA radiation data records within the Climate Monitoring SAF”, Manon Urbain
 [Presentation \(PDF\)](#)
- April 17-22: **European Geosciences Union General Assembly** @ Vienna (Austria)
 - “MVIRI/SEVIRI TOA Radiation Datasets within the Climate Monitoring SAF”, Manon Urbain
 [Poster \(PDF\)](#)

2015

- December 15-16: **Technical GIST Meeting** @ Rutherford Appleton Laboratory (UK)
 - “BARG/HR filled products and release”, Edward Baudrez
 [Presentation \(PDF\)](#)
- September 21-25: **EUMETSAT Meteorological Satellite Conference** @ Toulouse (France)
 - “MVIRI/SEVIRI TOA Radiation Datasets within the Climate Monitoring SAF”, Manon Urbain
 [Poster \(PDF\)](#)
 [Proceedings \(PDF\)](#)
- 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 \(PDF\)](#)

2007

- October: **SPIE Remote Sensing** @ Florence (Italy)
 - “The GERB edition 1 products SEVIRI scene identification”, A. Ipe et al.
 [Proceedings \(PDF\)](#)

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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