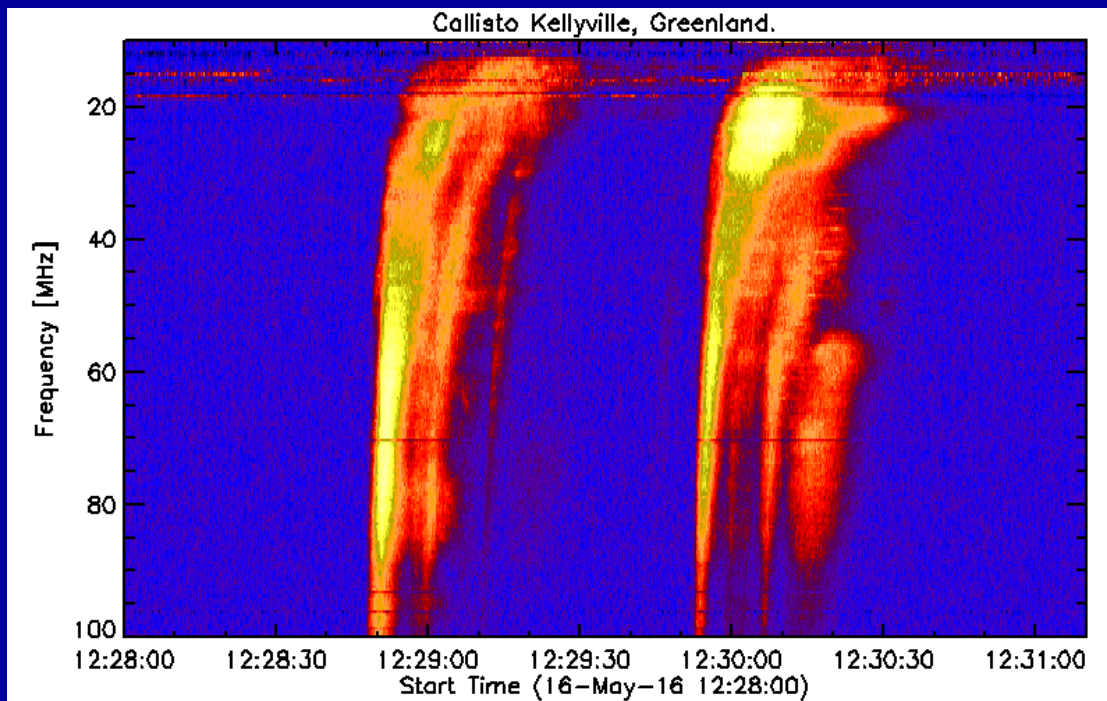


e-CALLISTO

Space Weather Instrument network

Highlights and achievements 2004-2017

Outlook 2018 and beyond

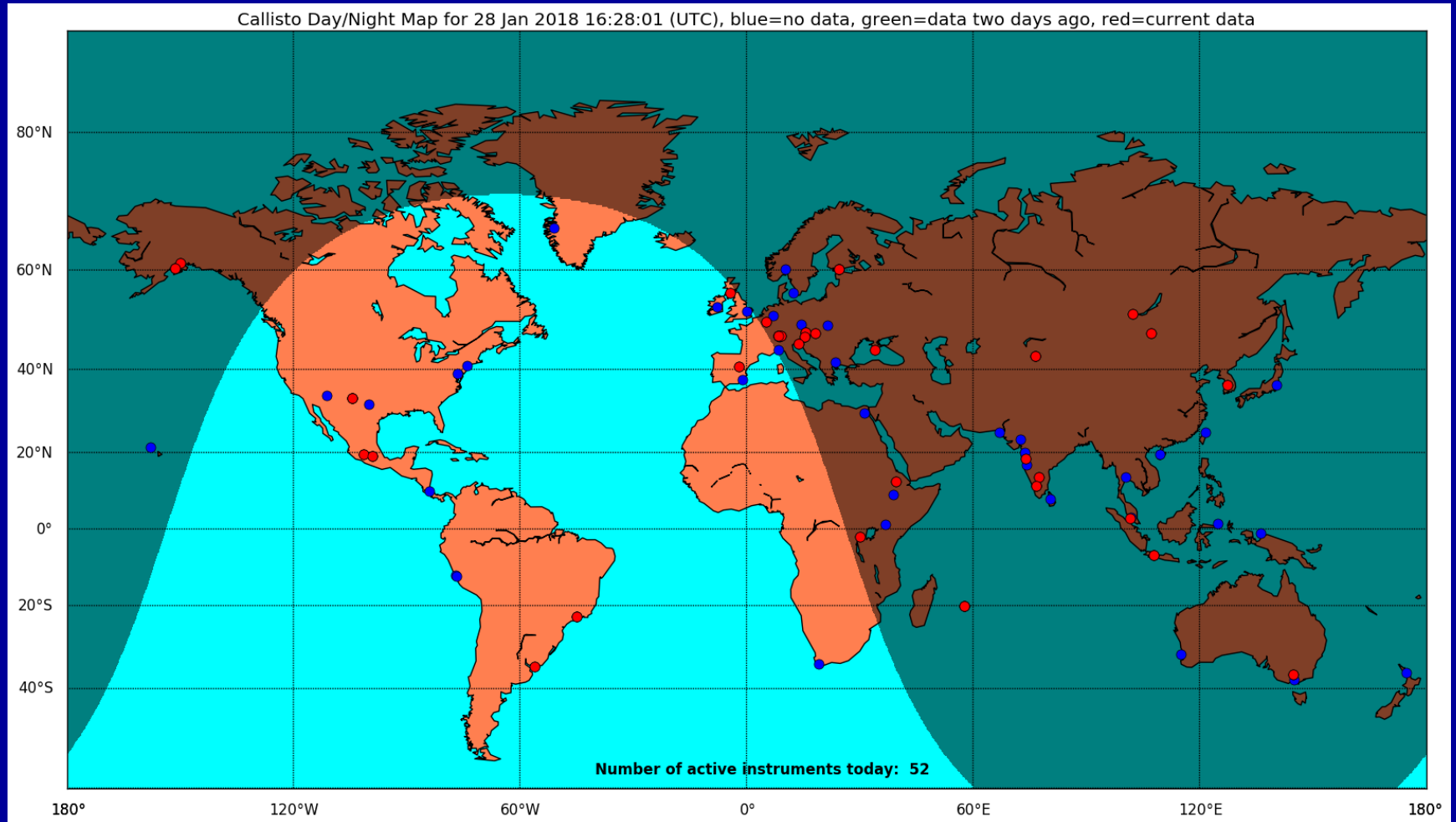


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ISWI Steering Committee Meeting 2018, Conference Room C5, 7th floor, C-building,
Vienna International Centre (VIC), Vienna Austria, 9 AM to 6 PM, January 31, 2018

e-Callisto network

<http://www.e-callisto.org>

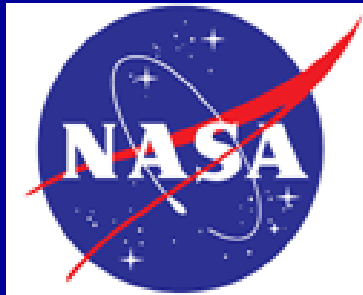


Currently 143 instruments in 44 countries worldwide.
On average ~50 instruments provide data to FHNW

Previous capacity building workshops in the framework of ISWI, COSPAR, SCOSTEP and ICTP, partially funded by ETH Zurich (outreach money 2004 - 2017)

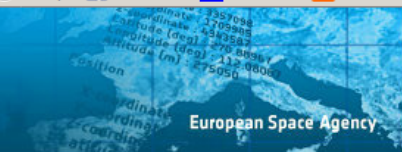
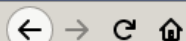
- Daejeon, South Korea
- Ooty, India
- Gauribidanur, India
- Ahmedabad, India
- Sangli, India
- Pune, India (2x)
- Kuala Lumpur, Malaysia
- Jakarta, Indonesia
- Fukuoka, Japan
- Cairo, Egypt (2x)
- Nairobi, Kenya
- Kigali, Rwanda
- Copenhagen, Denmark
- Montevideo, Uruguay
- Almaty, Kazakhstan
- Ulaan Baatar, Mongolia
- Cartagena, Spain
- Peralejos, Spain
- Dublin, Ireland
- Kangarlussuaq, Greenland
- Glasgow, Scotland
- Poste de Flacq, Mauritius
- Irkutsk, Russian Federation
- Anchorage, Alaska
- Graz, Austria
- Bruxelles, Belgium
- Helsinki, Finland
- San Jose dos Campos, Brazil
- Ondrejov, Czech Republic
- Hurbanovo, Slovakia
- Stara Tura, Slovakia
- Mekelle, Ethiopia, see next slide

ISWI/Callisto capacity building workshop on CME and type II bursts at Mekelle University, Ethiopia February 19-25 2017



Instrument progress

- Montevideo, Uruguay (1 new)
- Kuala Lumpur, Malaysia (1 reanimated)
- Cairo Egypt (1 reanimated and dead again ...)
- Cartagena, Spain (2 new, no data yet)
- Graz, Austria (2 new)
- St. Pölten, Austria (2 new)
- Ibaraki, Japan (1 new)
- Ulaan Baatar, Mongolia (1 reanimated)
- Metsähovi, Finland (2 new)
- Oslo, Norway (2 new)
- Coho, Alaska (2 new)
- Requests: Azores, Nepal, Arecibo (Puerto Rico), Sri Lanka, ...



About SWE

What is Space Weather
SSA Space Weather Activities
Current Space Weather
Contact
Applications Preferences

Service Domains

Spacecraft Design
Spacecraft Operation
Human Space Flight
Launch Operation
Transionospheric Radio Link
Space Surveillance and Tracking
Power Systems Operation
Airlines
Resource Exploitation System Operation
Pipeline Operation
Auroral Tourism Sector
General Data Service

Expert Service Centres

ESC Solar Weather
ESC Space Radiation
ESC Ionospheric Weather
ESC Geomagnetic Conditions
ESC Heliospheric Weather

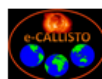
Other Resources

Documents
SWWT
SWEN Newsletter
Upcoming Events

Sign-In

Christian Monstein is signed in
Sign Out

Federated products from the Institute of 4D Technologies (FHNW)



Component Similar products Help

eCallisto radiospectrograms

The CALLISTO spectrometer is a programmable heterodyne receiver built in the framework of IHY2007 and ISWI by former Radio and Plasma Physics Group (PI Christian Monstein) at ETH Zurich, Switzerland. This application provides access to the data from these receivers that are installed on radio antennas around the globe. The data are used for the identification of radio bursts as indications of Solar phenomena driving Space Weather.

Start date:

End date:

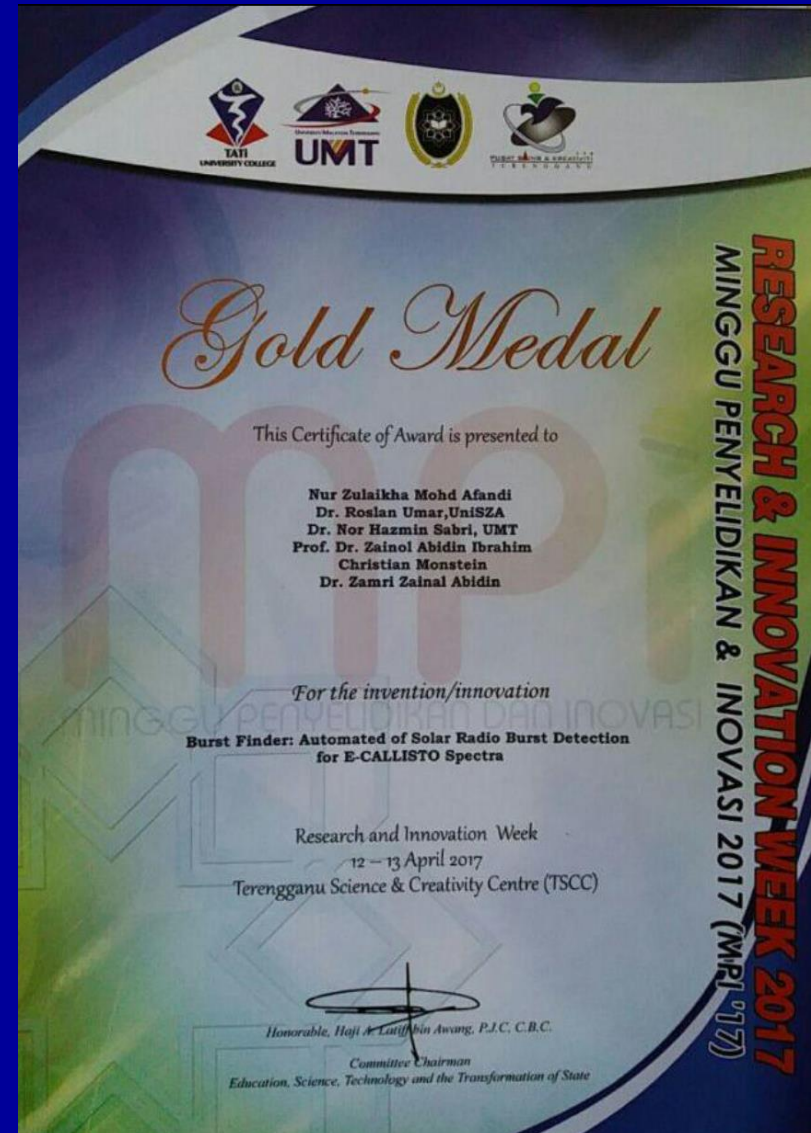
Location:

Sampling method:

Resolution: hours per pixel

Last data import: 2017-11-25 21:08:29

Award, based on Callisto activities



Problem

A Swiss journalist found out that my name is mentioned in more than 50 papers without any contribution from me.....

Some people follow the ,Data Management Plan' to put my name as co-author onto their papers. But I was never invited or contacted at all and I never had any chance to comment on the papers. I'm even not aware of all these papers.

This is a real problem regarding reputation of my institute and myself.

Perspective

- May 21 – June 1, 2018 capacity building workshop, Ethiopia. Supported by COSPAR, SCOSTEP, ISWI and Mekelle University.
- Paper about the 2015 Nov. 4th event in preparation: “Solar radio emission as a disturbance of aeronautical radio navigation” by Marqué, Klein, Monstein, Opgenoorth, Pulkinen, Buchert, Krucker, Van Hoof and Thulesen.
- Sep. 2017 I’m getting retired, sustainability of the network uncertain due to lack of funding.

