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Attachment(s):

- status20100513V1, 319 KB pdf, 3 pages.

Dear ISWI Participant:

The following email (between + and &) was sent to me by one of the ISWI coordinators with the suggestion that I send it out to the entire ISWI community. It is a status report from the CALLISTO network of Switzerland.

As editor, I welcome all space-weather-related reports -- especially reports related to observational activities.

Also, please encourage your colleagues to subscribe to this newsletter --- subscription method is included at the end of each newsletter.

Cheers,
George Maeda
The Editor.

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Dear colleagues.

Attached the latest status report about the still growing CALLISTO network.

You can download the status report also from here:
<<http://www.exp-astro.phys.ethz.ch/astro1/Users/cmonstei/instrument/callisto/Appdocs/status20091229V1.pdf>>

Up to today the Callisto network has collected 861 solar radio events!
I wanted to encourage you to make use of this data archive.

If you have any suggestions, don't hesitate to contact me.

Best regards,
Christian

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CALLISTO status report #23

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Remark: replace Ω with @ in the email addresses above.

Actual status

A new Callisto spectrometer was recently handed over and set into operation at OSRA, Czech Republic. Welcome OSRA to our e-Callisto network!

This “Würzburg Riese”, a former radar dish from World War II is now used for solar observations below 1 GHz and is attached to a Callisto spectrometer. An rfi-monitoring report initiated by CRAF is in preparation

Ecuador, Morocco, Canada, Turkey, Egypt, Cuba, Malaysia, Nigeria, Italy and others are still in planning phase. We hope that one or the other of these locations can be set into operation until autumn 2010.

New features have been included in the Callisto application software V1.09:

1. All plots (yt, xy, xyt) can also be closed by pressing their opening buttons again
2. Up to 5 real-time light curves can now be stored as ASCII file to produce on-line plots
3. All time axis in xy and xyz plot now show sec instead of sweep-number
4. Automatic load of another frequency program is now possible in scheduler-file
5. Radio-button to switch from digits in dB in xy-plot to ‘quasi’ calibrate xy-display
6. If Callisto detects data loss you will get an error message and the system stops

New applications and documents:

1. Frequency generator has got several updates. <http://www.exp-astro.phys.ethz.ch/astro1/Users/cmonstei/instrument/callisto/ecallisto/Fgeni.zip>
2. A new NCR (non conformance report) has been published here: <http://www.exp-astro.phys.ethz.ch/astro1/Users/cmonstei/instrument/callisto/ecallisto/ncr/NCR20100223.pdf>
3. An engineering change request has been published here: http://www.exp-astro.phys.ethz.ch/astro1/Users/cmonstei/instrument/callisto/ecallisto/ncr/ECR_2010-01-01.pdf
4. I've started a blog here: <http://www.e-callisto.blogspot.com/>

IMPROTANT NOTE:

Due to retirement of my boss Prof. A. Benz, the solar radio astronomy group does not exist anymore. And there is no successor in view. With my very limited resources I'll try to keep data archive, burst list and support for software, hardware and data running as long as possible. As a consequence all web sites have already been moved to another server. Please update your bookmarks accordingly.

General information about Callisto now here:

<http://www.exp-astro.phys.ethz.ch/astro1/Users/cmonstei/instrument/callisto/index.php>

Technical details about Callisto now here:

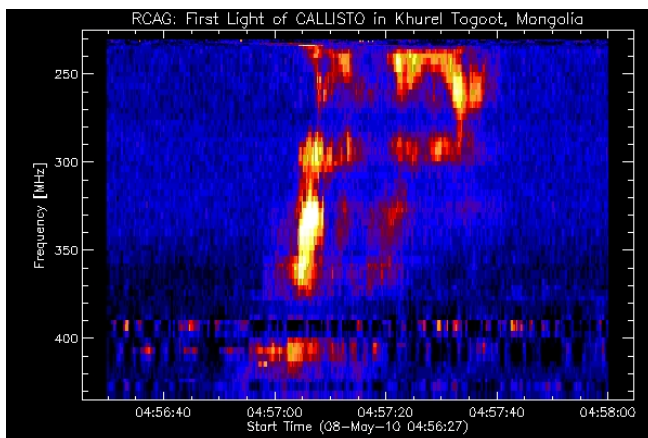
<http://www.exp-astro.phys.ethz.ch/astro1/Users/cmonstei/instrument/callisto/ecallisto/applidocs.htm>

Direct access to the data archive now here:

http://www.astro1obs.phys.ethz.ch/cgi-bin/showdir?dir=Argos_Callisto_Phoenix_Archive&file=dir.html

Direct access to the Callisto burst list now here:

<http://www.exp-astro.phys.ethz.ch/astro1/Users/cmonstei/instrument/callisto/Appdocs/FlaresCallistoNetwork.htm>

1st light of Callisto in Mongolia.

On March 8th 2010 we got 1st light from Mongolia (Khurel Togoot near Ulaan Baatar), congratulations! We see some type III burst combined with a U-burst. With this event we now have 8 locations which are operating and delivering data to the network.

Other 8 stations worldwide have got a Callisto but unfortunately can not produce useful data for several reasons. It's getting interesting now because the sun is getting more and more active.