題名　ISWI Newsletter - Vol. 5 No. 059
差出人　George Maeda

****
* ISWI Newsletter - Vol. 5 No. 059 20 May 2013 *
*
* I S W I = International Space Weather Initiative *
* (www.iswi-secretariat.org) *
*
* Publisher: Professor K. Yumoto, ICSWSE, Kyushu University, Japan *
* Editor-in-Chief: Mr. George Maeda, ICSWSE (maeda[at]serc.kyushu-u.ac.jp)*
* Archive location: www.iswi-secretariat.org (maintained by Bulgaria) *
* [click on "Publication" tab, then on "Newsletter Archive"] *
* Caveat: Under the Ground Rules of ISWI, if you use any material from *
* the ISWI Newsletter or Website, however minor it may seem *
* to you, you must give proper credit to the original source. *
****

Attachment(s):
(1) "status20130519_V0", 700 KB pdf, 4 pages.

: Re:
: e-Callisto Status Report #41
: from Christian Monstein in Zurich.
:

Dear ISWI Participant:

The top news in this report is the following:

***** New Callisto set into operation in Roztoky, East-Slovakia *****

In week 18 a new Callisto spectrometer has been set into operation
at the observatory of Roztoky (Hvezdare, Roztoky) in the eastern
part of Slovakia, near Ukraine and Poland.
: Longitude: 21° 29´ 31´´ East
: Latitude: 49° 23´ 48´´ North
Roztoky is in a very remote area, nevertheless FM- and TV-transmitters
on nearby mountains produce a lot of rfi in the spectrum which is
intended to observe solar radio bursts.
Responsible person: Daniel Baludansky bdaniel@post.sk

Faithfully and respectfully yours,
. George Maeda
. The Editor
. ISWI Newsletter

Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

CALLISTO status report/news letter #41

New Callisto set into operation in Roztoky, East-Slovakia:

In week 18 a new Callisto spectrometer has been set into operation at the observatory of Roztoky (Hvezdáreň Roztoky) in the eastern part of Slovakia, close to Ukraine and Poland.
Longitude: 21° 29´ 31´´ East
Latitude: 49° 23´ 48´´ North
Roztoky is a very remote area, nevertheless FM- and TV-transmitters on nearby mountains produce a lot of rfi in the spectrum which is intended to observe solar radio bursts.
Responsible person: Daniel Baludansky bdaniel@post.sk

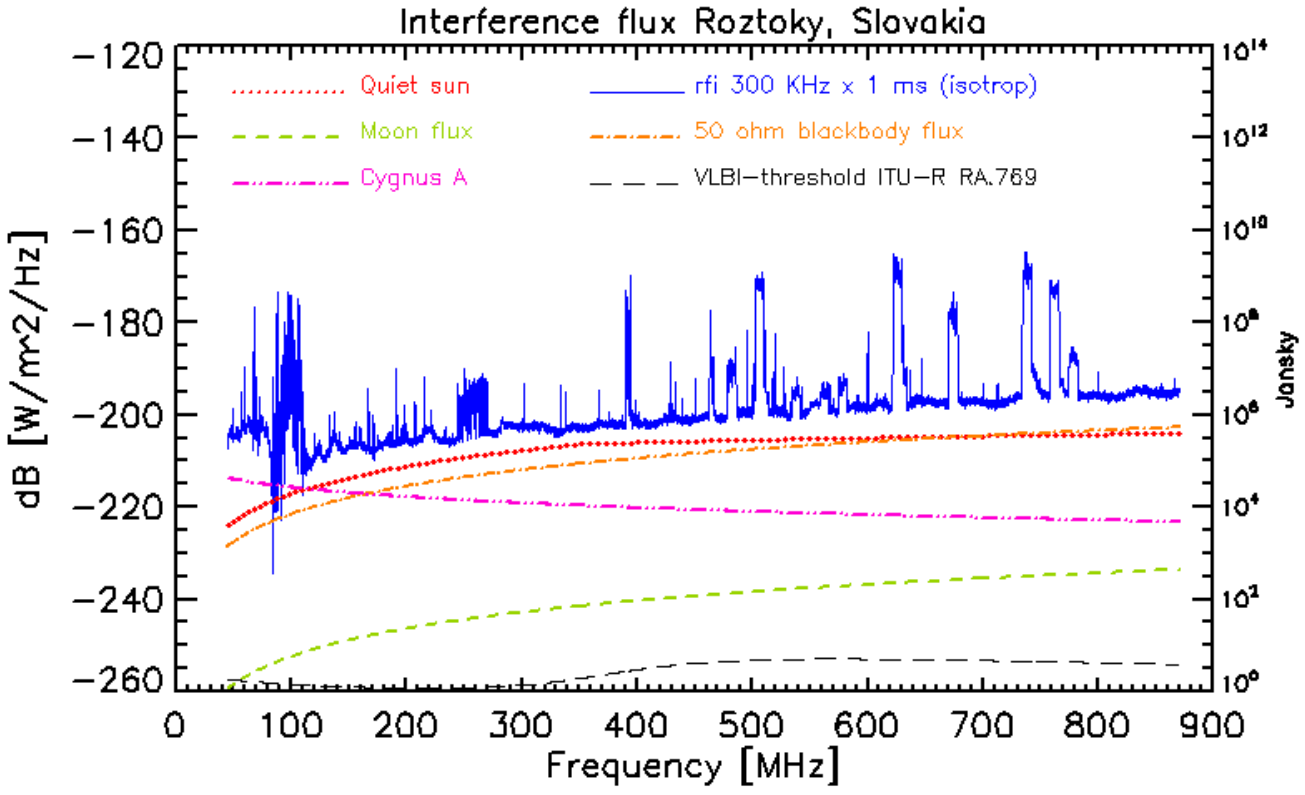

Fig. 1: Low frequency spectrum taken with CLP-5130 log-per antenna, a low noise preamplifier from Mini Circuits and Callisto eC66. Negative peaks below 100 MHz denote to saturated channels due to strong FM-transmitters. For comparison a few astronomical radio sources are shown. With an additional antenna gain of about 10 dB it would be possible to observe quiet sun.

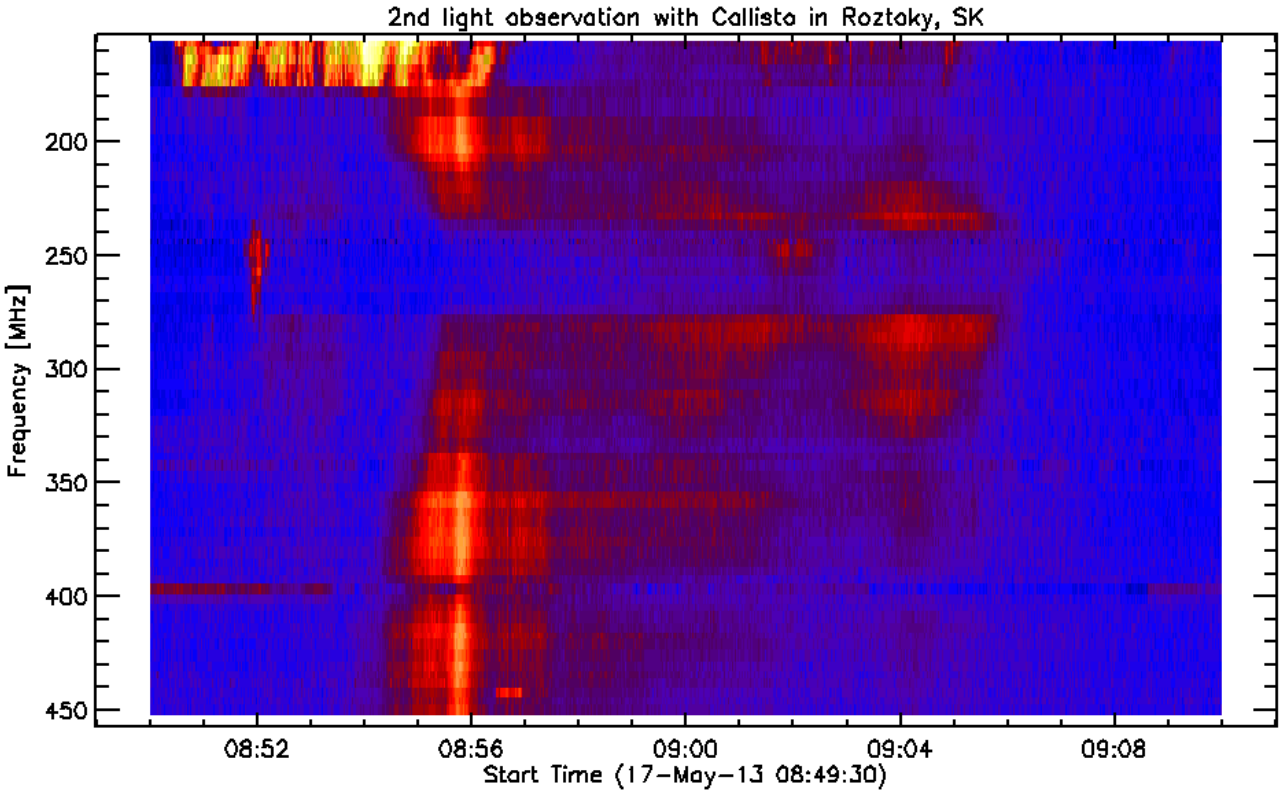

Fig. 2:. Second light of Callisto in Roztoky, showing a type IV burst and the corner part of a type II.

Corresponding NOAA event-list:

5490		0843	0857	0919	G15	5	XRA	1-8A	M3.2	4.4E-02	1748
5490	+	0847	0853	0913	SVI	G	RBR	4995	800		1748
5490	+	0848	0857	0912	SVI	G	RBR	2695	450		1748
5490	+	0848	0848	0848	SVI	G	RBR	410	100		1748
5490	+	0848	0853	0912	SVI	G	RBR	8800	620		1748
5490	+	0850	////	1120	SVI	C	RSP	025-180	IV/2		1748
5490	+	0850	////	0918	SVI	U	RSP	025-180	II/2	376	1748
5490	+	0850	0855	0912	SVI	G	RBR	15400	410		1748
5490	+	0850	0858	0912	SVI	G	RBR	1415	190		1748
5490	+	0851	0852	0907	SVI	G	RBR	245	1500		1748
5490		0853	0855	0857	LEA	G	RBR	610	210		1748
5490	+	B0854	U0854	1056	SVI	3	FLA	N12E57	2B	PRB	1748
5490		B0912	////	A1319	SOH	4	CME	XUV,EUV,UV061-060/FS1436			1748

This pdf circulated in Vol.5, No.59
on 20 May 2013.

Published by SERC of Kyushu University
I S W I
Newsletter
under the auspices of the United Nations

Ethiopia:

The special designed logarithmic periodic antenna from Pune university has recently been delivered to Ethiopia with support of NASA. The instrument will be set up in fall 2013.

Spain:

The test setup at university of Alcalá (EA4RKU) has finally been moved to Peralejos de las Truchas, a very remote area with very good condition regarding rfi. The filenames of the FIT-files start with 'Melibea_'.
Press releases:
http://www.guadalab.es/noticias/el-primer-radiotelescopio-solar-de-la-red-internacional-e-callisto-en-espana-se-instalara-e

http://www2.uah.es/diariodigital/index.php?option=com_content&task=view&id=6833&Itemid=32

http://www.apte.org/es/noticia-innovacion228.cfm

http://www.europapress.es/castilla-lamancha/noticia-primer-radiotelescopio-solar-red-internacional-callisto-espana-instalara-provincia-guadalajara-20130305145540.html

http://www.abc.es/agencias/noticia.asp?noticia=1366584

http://www.infoespacial.com/?noticia=prime-radiotelescopio-solar-de-la-red-e-callisto-en-espana

Short: http://www.tvguadalajaradigital.es/2013/03/la-red-internacional-e-callisto-instala-un-radiotelescopio-en-guadalajara/

Long: http://www.tvguadalajaradigital.es/2013/03/e-callisto-nos-permitira-alertar-de-tormentas-solares-desde-peralejos/

http://www.canal19.tv/web/newsDetails.php?id_section=105&id=6791

http://www.eldigitalcastillalamancha.es/el-primero-de-una-red-internacional-se-instalara-en-castillala-mancha-127741.htm

http://encastillalamancha.es/noticia/20858/Peralejos+de+las+Truchas+(Guadalajara)+tendr%C3%A1+un+Radio+Telescopio+Solar+internacional

http://www.laverdad.es/agencias/20130305/castilla-mancha/peralejos-truchas-tendra-radio-telescopio_201303051619.html

http://www.lacronica.net/esto-no-es-una-antena-de-television-sino-un-aparato-pionero-49431.htm

http://www.guadaque.com/noticias/provincia/33398-el-primer-radiotelescopio-solar-ecallisto-se-instalara-en-peralejos-de-las-truchas.html

http://www.dhenares.es/municipios/sociedad/item/3498-peralejo-de-las-truchas-contar%C3%A1-con-el-primer-aparato-de-la-red-e-callisto-para-vigilar-al-sol

http://www.20minutos.es/noticia/1749391/0/

http://www.elheraldodelhenares.es/pag/noticia.php?cual=16580

http://www.latribunadetoledo.es/noticia/Z556A9BA5-F9BD-1531-2362997E01E8D992/20130306/primer/telescopio/solar/ecallisto/espa%C3%B1a/instalara/guadalajara

Fig 3: Log-per antenna on top of the roof with tracking system. Photo by Andrés Russu

General information and data access here: http://e-callisto.org/

AOB:

CALLISTO or Callisto denotes to the spectrometer itself while e-Callisto denotes to the worldwide network.

Please do not respond to the email-address of the list-server, respond instead directly to me (address below).
If you do not want to receive this news-letter please send me an email and I'll take your address out of the data base.
On the other hand if you think someone else might be interested in this kind of info, please let me know his/her email-address to be added to the data base.

Christian Monstein, Institute for Astronomy, ETH Zurich, Switzerland. email: monstein(at)astro.phys.ethz.ch