



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

CALLISTO status report #33

New location in Slovakia operational:

Since December 19th 2011 the SCO (Slovak Central Observatory), Hurbanovo, Slovakia is operational. The instrument was deployed during a visit of the author at the institute. The visit was partially funded by an internal Astronomy Outreach and Teaching Stay Grant of the Institute of Astronomy ETH Zürich.

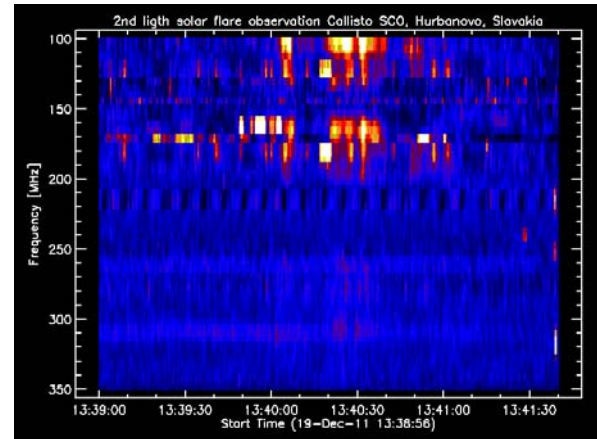


Fig. 1: Left: Logarithmic-periodic antenna from CREATE covering 50 MHz – 1300 MHz, see also: <http://www.grove-ent.com/ANT16.html>

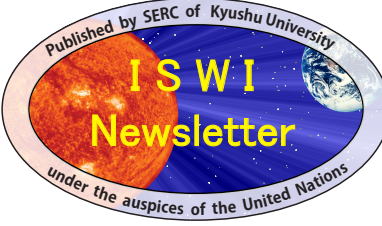
Preamplifier is a ZX60-33LN-S+ from MiniCircuits. Coaxial cable is 10m long of type H1000.

Fig. 2: Right: 2nd light, a weak solar radio burst of type III

1140 +	1340	1340	1340	SVI	G	RBR	245	180
1140 +	1340	////	1341	SAG	C	RSP	025-180	III/2

Horizontal structures are due to interference of nearby transmitters.

Welcome SCO on the e-Callisto network!



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AOB

Metsähovi observatory in Finland successfully set up down-converter system to observe L-band frequencies with Callisto.

Whitham Reeve, Anchorage/Alaska has started a small series of Callisto instruments which are 100% compatible to the ETH-version (except power connector). If anyone needs additional instruments, this is the URL with complete ordering information:

<http://www.reeve.com/Solar/e-CALLISTO/e-callistoOrderInfo.htm>

Relevant Callisto-related links can be found here:

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

Direct access to all Callisto data available here:

<http://soleil.i4ds.ch/solarradio/callistoQuicklooks/>

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