

Gaia-FUN-SSO Circular #12

\*\*\*\*\*

Dear Gaia-FUN-SSO member, here are some news from the Gaia-FUN-SSO network.

News from Gaia alerts

\*\*\*\*\*

As already mentioned, last news from the Gaia mission are available on the blog at

<http://blogs.esa.int/gaia/>

You will see there that the photometric science alerts have begun in validation mode on October 13.

No Solar System Objects are concerned but other transient objects such as supernovae are. In case you are interested by these alerts, you can access to a selection of Gaia photometric detections at this address: <http://gaia.ac.uk/selected-gaia-science-alerts>. In addition, you can access the presentations given during the 5th Gaia Science Alerts meeting in Warsaw at this address:

<https://www.ast.cam.ac.uk/ioa/wikis/gsaawiki/index.php/workshop2014:main>

The goal of our network itself is the astrometric observation of Solar System Objects (SSO) on alert. Tuning the Gaia data processing for these SSO alerts appears to be a more difficult task than foreseen and we hope that we will soon start receiving SSO alerts for diffusion, although no date is planned at the moment. Nevertheless, we must be ready for this and this is why we organized the last training campaigns, why a new workshop is held in Paris this month and why we ask to the network members to become familiar with our baseline tool for alert diffusion (see next sections).

Important: the tool for SSO alerts

\*\*\*\*\*

The Gaia-FUN-SSO wiki will be no more used now for some observing campaigns and it cannot be used for the monitoring of alerts. It will remain open as an information repository. According to our project to distribute a large amount of SSO alerts each week, we have developed a new tool in order to automatically filter the data on the basis of the local constraints of each observatory. This pipeline will propose the list of alert, together with graphical visualization of sky maps with the probable zone where a newly detected object could be retrieved from the ground. This tool will be soon open to all the network participants. The first important steps required from the participants are:

- to register

- to enter your telescope and site properties and your personal preferences in a menu.

Therefore we invite all the Gaia-FUN-SSO observers to connect at <http://gaiafunssso.imcce.fr> and to perform these steps.

In case of difficulty or for suggestions, let us know at [gaia-fun-sso@imcce.fr](mailto:gaia-fun-sso@imcce.fr)

3rd Gaia-FUN-SSO workshop

\*\*\*\*\*

On November 24, 25 and 26, a 3rd Gaia-FUN-SSO workshop is held in Paris Observatory. 29 communications are scheduled and 49 participants will attend. The program can be accessed at [http://www.imcce.fr/hosted\\_sites/gaiafun2014/programme.php](http://www.imcce.fr/hosted_sites/gaiafun2014/programme.php)

As for the previous workshops, we will post the talks at this address too and the proceedings will be also available.

with our best regards

W. Thuillot & B. Carry

for the Gaia-FUN-SSO central node

PS: If for any reason...

- you have no more access to the wiki, let us know [gaia-fun-sso@imcce.fr](mailto:gaia-fun-sso@imcce.fr), we will reinitialize your credentials.

- you wish to unsubscribe to this network let us know too!