



Newsletter 3 – April 2015

Network activities

The network has grown to now **57 members!** During the last weeks, we have made initial tests for the expert teams and worked on first publications, mostly proceedings articles and a comprehensive ALMA review article. In the next weeks, SSALMON will be presented at IRIS 4 (Boulder, May), the 26th IUGG GA/IAGA (Prague, June) and the IAU GA XXIX (Honolulu, August).

SSALMON webpage

The section "**publications**" on the webpage has been updated and now contains a list of articles which have been published (or soon will be) in connection with SSALMON and/or the solar ALMA development studies:

<http://www.ssalmon.uio.no/publications/>

Please let us know if you now or in the future have an article that should be mentioned on the page. Some of the short proceedings articles for the ALMA conference in Tokyo in 2012 are already listed together with links to ADS/astro-ph from where you can download the preprints.

There is also a new section called "**gallery**", where images and animations are provided:

<http://www.ssalmon.uio.no/gallery/>

So far, you can find some of the posters presented at the ALMA/Tokyo conference and animations of the active region models by Gregory Fleishman. Please let us know if you have relevant material that you would like to publish in the SSALMON gallery.

First SSALMON Overview Paper

After minor revision, the SSALMON overview article has been submitted to **Advances of Space Research** (as part of the proceedings of the European Solar Physics Meeting, 2014, Dublin), now awaiting final acceptance. The revised version is available on astro-ph and ADS:

<http://adsabs.harvard.edu/abs/2015arXiv150205601W>

<http://arxiv.org/abs/1502.05601>

The article has 29 authors from our network and gives a brief overview of the scientific infrastructure and potential solar science cases.

Solar ALMA review article

The review article has in the meantime grown to about 77 pages and 38 authors and will be submitted soon to **Space Science Reviews**. It contains a detailed description of solar radiation at mm wavelengths, technical details of ALMA and the potential of solar ALMA observations and related simulations.

Expert Teams

First of all, thanks to all of you who signed up for one or several team(s). Nine of the teams have already four or more members and are therefore ready to start. It is still possible to sign up but please keep in mind that every team member should actively contribute. The current expert teams are listed on the webpage:

<http://www.ssalmon.uio.no/expert/>

The primary goal for each team is to compose a **strategic document**, which outlines prioritized science cases, anticipated outcome, technical requirements and (if applicable) observation strategies. **The secondary goal** is to get an overview of necessary preparations for future observation campaigns and the post-processing and analysis of ALMA data.

We started with team G ("*Oscillations and waves*", 11 members) in order to test how to organize the teams. Based on this experience, the following is/will be prepared for each team:

- **A private e-mail list.** *You will be notified if your team e-mail list is activated.*
- **A template for the strategic document** on an online multi-author platform. After testing several options (*Thanks to Bernhard Fleck for valuable suggestions!*) we should use titanpad for this purpose, which seems simple but yet sufficient. *You will be notified once granted access to the document for your team(s).*

Team J ("*Chromospheric and coronal heating*") will start during the next days. All other teams will follow within the next weeks.

With best regards,

On behalf of your SSALMON team,

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