

EGU 2019 Solar-Terrestrial Division Meeting

Vienna, Austria, 12 April 2019, 12:45-13:45, Room L4/5

Minutes prepared by Olga Malandraki

The 2019 EGU Division Meeting for Solar-Terrestrial Sciences was held on Friday, 12 April 2019, 12:45 – 13:45 in Room L4/5. It was chaired by Olga Malandraki (OM). There were approximately 150 attendees at the meeting (mainly researchers associated to ST). The slides presented and this report can be found at <http://www.egu.eu/st/reports/>.

1. Approval of Minutes and Agenda

The minutes of last year's DM and the agenda of this year's meeting were approved.

2. Awards and Medals 2019

OM presented the names of the 2019 awardee/medalists that were given:
Jean Dominique Cassini: The 2019 Jean Dominique Cassini Medal & Honorary Membership was awarded to Margaret G. Kivelson
Hannes Alfvén: The 2019 Hannes Alfvén ST Division Medal went to Daniel Baker.
Julius Bartels: The 2019 Julius Bartels ST Division Medal went to Masatoshi Yamauchi.
In 2019 the Outstanding ECS Award of the ST Division went to Chao Xiong.

OM announced that based on the size of the ST Programme Group compared to others the decision was taken on EGU Council level to keep the two division medals for ST but with one medal every year in an alternating fashion. This strategy already applied to other similar divisions e.g. PS, and EMRP divisions.

3. Medal Committees

The proposed Julius Bartes Medal Committee 2019 was approved during the ST Division Meeting by the meeting participants:

- Norma Crosby [CHAIR], Yuri Shprits, Ilya Usoskin, Jeffrey Forbes [OUT], Masatoshi Yamauchi [IN]

The proposed Hannes Alfvén Medal Committee 2019 was approved during the ST Division Meeting by the meeting participants:

- Iannis Dandouras [CHAIR], Stephen Fuselier, Julia Thalmann, Sami Solanki [OUT], Daniel Baker [IN]

For more information: <https://www.egu.eu/awards-medals/>

Discussion:

Nominations for next year medalists should be submitted to **awards.medals@egu.eu** (the final deadline for submissions is **15 June, 2019**).

The community is urged to come with suggestions of strong candidates!

For details see:

<https://www.egu.eu/awards-medals/proposal-and-selection-of-candidates/>

4. Outstanding Student Poster (OSPP) and PICO Award

OM gave an overview of the participation statistics in the OSPP Award competition (see slide 16 of the 2019 DM presentation). A slight decrease in the number of the participants took place in 2019. However, the quality of the participants and work was very high.

In 2019 the Outstanding Student Poster and PICO (OSPP) Award was selected. OM presented the students that were awarded:

Pauli Väisänen for his poster *'Long-term evolution of the power-law spectrum of galactic cosmic rays in 1953-2016'* by Pauli Väisänen, Ilya Usoskin, and Kalevi Mursula

Irina Zhelavskaya for her poster *'Systematic analysis of machine learning techniques for Kp prediction in the framework of the H2020 Project 'SWAMI'* by Irina Zhelavskaya, Yuri Shprits, Ruggero Vasile, Claudia Stolle, Jürgen Mataka

OM took the opportunity to remind the ST community of the terms for being eligible and urged the community to participate strongly.

OM explained that eligible for the **Outstanding Student Poster and PICO Awards** are students that:

- are first author and personally present the poster or PICO;
- satisfy one of the following criteria:
 - are a current undergraduate (e.g., BSc) or postgraduate (e.g., MSc, PhD) student;
 - are a recent undergraduate or postgraduate student (conferral of degree after 1 January of the year preceding the conference) who are presenting their thesis work

5. ST Division Organization and Officers

ST Structure and Principles

OM (former Deputy President) informs the community that her term as ST Division President has just started at this EGU GA 2019. Margit Haberreiter (MH), (outgoing Division President) will act as Deputy President of the ST division. OM stressed that constructive interaction and collaboration with MH to ensure the stability and smooth operation of the ST division will take place.

Additionally the following Division Officers were appointed at the DM:

- Olga Malandraki (2019, confirmed until 2021)

The following ST officers were approved during the ST Division Meeting by the meeting participants:

ST Scientific Officers 2019

- *Solar Physics*: Manuela Temmer (2019, confirmed for 2020)
- *Heliosphere*: Olga Malandraki (2019, confirmed for 2020)
- *Magnetosphere*: Yulia Bogdanova (2019, confirmed for 2020)
- *Ionosphere and Thermosphere*: Dalia Buresova (2019, confirmed for 2020)

ST Liaison Officers 2019

- *Publications*: Manuela Temmer (2019, confirmed for 2020)
- *OSPP Coordinator*: Chao Xiong (2019, confirmed for 2020)
- *Early Career Scientist (ECS) Representative*: Theresa Rexer (2019, confirmed for 2020)
- *Education and Public Outreach, News, Media, Webmaster*: Athanasios Papaioannou (stepped down), Luke Barnard (incoming, confirmed for 2020)
- *Scientific Affairs, Foreign Affairs, Division Liaison*: Olga Malandraki (confirmed for 2020).

The ST Division officers communicate as needed on issues such the EGU GA program, in particular the call for sessions, call for abstracts and the respective selection of sessions and abstracts for the final program. OM thanked all of them for the active involvement in shaping the programme of the ST division!

6. Early Career Scientist (ECS) ST Activities

Theresa Rexer Jone gave a brief presentation on the ST ECS Activities (see slides 23-26 of the Division Meeting presentation at <http://www.egu.eu/st/reports/>)

7. ST Education and Public Outreach

OM informed the community about the activity in the ST blog. Luke Barnard is undertaking the main responsibility of the blog post as well as OM as ST Division President and a new member in the team, James R. Szalay has been also appointed and approved during the ST Division Meeting by the meeting participants.

The following is the plan for a radical improvement of the ST division blog, approved during the ST Division Meeting:

- Maintain similar post frequency of 1 per month, 1000-1500 words
- Focus on topical ST science, but also provide space for community issues
- **Improve the diversity of blog authors, to better represent our wide community**

Main emphasis will be placed on this last point in order to ensure a participation and contribution by the whole community so that the blog constitutes a forum of updated scientific communication and frontier research information to the ST community.

To do this, content will be directly solicited, but we would also appreciate the community suggesting content they could provide, or suggesting authors we can approach. The ST Division Officers will also be expected to play an active role in this.

8. ANGEO Update

Christian Jacobi, Editor-in-Chief presented an update of Annales Geophysicae. A good number of dedicated special issues were organized and the titles and guest editors were presented.

A decreasing number of submitted papers has been observed after 2013 and particularly after 2018. Possible reasons were presented such as a change to a **2-stage** procedure of the journal in January 2018. Furthermore, there has been a move to open access system. It was noted that competitors publish for free (e.g. Journal of Atmospheric and Solar-Terrestrial Physics, Advances Space Research, Solar Physics etc). Other growing scientific fields (e.g. planets...) may also account for this decrease. One of the measures for mitigation of this problem is the opening of Annales Geophysicae to **Planetary Science**, with the appointment of a new Editor-in-Chief, Ingrid Mann, specialist in the field.

OM commented that ANGEO has had a low impact factor for many years and the editorial board should consider very carefully how this factor can be raised, making the journal more attractive to the community to submit their papers and get them published with a high visibility. OM asked Dr. Jacobi to convey this to the whole Editorial Board of ANGEO.

9. 2019 GA/ST Scientific Programme

Overall statistics of the 2019 General Assembly as well as the ST Division are shown in the ST DM presentation (see meeting slides). In summary the number of abstracts stayed almost the same compared to 2018. OM highlighted the new time block schedule and networking time organized in the 2019 EGU GA. Oral, poster and PICO sessions are organized and scheduled throughout the day in parallel during 4 Time Blocks (TB) spanning from 08:30-18:00 every day. A networking time is scheduled from 18:00-19:00 every day, which serves as a possibility for extra poster viewing, exhibition, meeting of colleagues, gathering the community pre-evening medal lectures, getting to meet the artists-in-residence Foyer D and participating in the receptions on TU, WE and TH at EGU booth.

There has been discussion about the impression of the new structure of the time blocks. Some members of the ST community pointed out that the overlapping of poster sessions with oral sessions is not helping participants of the GA to attend the sessions of their preference and that the previous structure with the posters at the end of day is preferable. OM issued a vote on this topic and there was a unanimous result, revealing that the ST community does not consider appropriate the new time blocks and scheduling but would prefer the poster sessions to take place independently in the afternoon. This was considered to promote the scientific interaction whereas the current structure prevents scientists of attending all sessions of interest since there is a strong overlap of posters and oral sessions. OM promised to report this result from the vote to the EGU council.

It was also stressed that EGU supports the organisation of meetings to promote the exchange of science:

- **EGU Galileo Conferences**
First two in 2017/2018, next call at the end of 2018
- **EGU Conferences series**
starting “NOW”! Invitation for Proposals June 1, 2018
- **Training schools** (formerly: co-sponsored events)
Open call: June 2017 (one call only for 2018)

10. EGU 2020 and the Future

EGU GA will be held in Vienna, from 3-8 May 2020.

OM urged the scientific community for their active involvement in shaping the EGU GA and reminded the audience of the bottom-up process of EGU. OM would like to encourage the community to propose sessions for EGU2020. OM particularly emphasized the importance of PICO sessions, since they provide an overall increase of abstracts. Since there is always a limited number of oral blocks and rooms, PICO Sessions are a great way for researchers to communicate their science, they are very interactive and also provide the possibility for invited presentations, with a PICO presentation having a 10-min duration.

There was no other business and the meeting was closed.