

## EGU 2020 Solar-Terrestrial Division Meeting

Sharing Geosciences Online, 6 May 2020, 12:45-13:45

Minutes prepared by Olga Malandraki

The 2020 EGU Division Meeting for Solar-Terrestrial Sciences was held online on 6 May 2020, 12:45 – 13:45, during the Sharing Geosciences Online EGU 2020 GA. 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 2020

OM presented the names of the 2020 awardee/medalists that were given: *Jean Dominique Cassini*: The 2020 Jean Dominique Cassini Medal & Honorary Membership was awarded to Pascale Ehrenfreund.

*Hannes Alfvén*: The 2020 Hannes Alfvén ST Division Medal went to Quigang Zong.

*Julius Bartels*: inactive for 2020, active for 2021.

In 2020 the Outstanding Early Career Science (ECS) Award of the ST Division went to Lauri Holappa.

OM reminded the community that based on the size of the ST Programme Group compared to others within EGU the decision had been taken by EGU Council and is implemented accordingly to keep the two division medals for ST but with one medal every year in an alternating fashion. This strategy has been already applied to other similar divisions e.g. PS, and EMRP divisions.

### 3. Medal Committees

The proposed Julius Bartes Medal Committee 2021 was approved during the ST Division Meeting by the meeting participants:

- Norma Crosby [CHAIR], Yuri Shprits, Ilya Usoskin [OUT], Masatoshi Yamauchi, Georgia Tsiropoula [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, 2020**). 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 announced that this has not been active this year due to the unusual and difficult conditions under which the conference took place in an online fashion. OM took the opportunity to remind the ST community of the terms for being eligible and urged the community to participate strongly when this possibility is available.

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 (ST Division President during 2019-2021) informs the community that she has been re-elected for the period 2021-2023. Margit Haberreiter (MH), (former ST Division President) will act as Deputy President of the ST division for 2021.

Additionally the following Division Officers were appointed at the DM:

- ST Programme Group Chair: Olga Malandraki (2021, confirmed until 2023)

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

### **ST Scientific Officers 2021**

- *Solar Physics*: Manuela Temmer (2020, confirmed for 2021)
- *Heliosphere*: Olga Malandraki (2020, confirmed for 2021)
- *Magnetosphere*: Yulia Bogdanova (2020, confirmed for 2021)
- *Ionosphere and Thermosphere*: Dalia Buresova (2020, confirmed for 2021)

### **ST Liaison Officers 2021**

- *Publications*: Manuela Temmer (2020, confirmed for 2021)
- *OSPP Coordinator*: Chao Xiong (2020, confirmed for 2021)
- *Early Career Scientist (ECS) Representative*: Theresa Rexer (2020, confirmed for 2021)
- *Education and Public Outreach, News, Media, Webmaster*: Luke Barnard (2020, confirmed for 2021)
- *Scientific Affairs, Foreign Affairs, Division Liaison*: Olga Malandraki (confirmed for 2021).

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. ST Education and Public Outreach**

OM informed the community about the activity in the ST blog. The team consists of Luke Barnard who has the main responsibility of the blog posts as well as OM as ST Division President, Jamey R. Szalay, Eleanna Avestari and Pietro Zucca.

The following principles have shaped the plan that has led to 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 is 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 has been directly solicited and the blog replenished in a very creative way. The status of the contents and the solicited entities was presented. Early Career Researchers have provided contents as well as new results from citizen scientists have been presented. Furthermore, recent missions and projects have been highlighted.

It was announced that posts scheduled from LOFAR, ESA's Solar Orbiter mission as well as from NASA's Parker Solar Probe are foreseen, at the frontier of Solar-Terrestrial Sciences.

## 8. ANGIO 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.

## 9. 2020 GA/ST Scientific Programme

Overall statistics of the 2020 General Assembly as well as the ST Division are shown in the ST DM presentation (see meeting slides). In summary the number of abstracts increases by 11% compared to 2019. OM highlighted that the increase compared to 2018 is most probably due to the withdrawal of no-show abstracts in the 2018 GA. Furthermore, during the 2019 GA the one first-author abstract rule was implemented which

caused a slight decrease in the number of abstracts. In 2020 the physical GA was cancelled on March 19 and a part of the GA was brought online. OM described in detail the new concept 'Sharing Geoscience Online' (SGO), implemented by EGU who is responsible to help minimize the impact of COVID-19 on scientific research and collaboration. Science submitted to the GA 2020 can be presented and shared. All authors and conveners can participate across different time zones. The concept works for all presentation types: oral, poster and PICO. OM presented SGO in a nutshell. This new concept allows: 1) authors to upload presentation material and receive feedback on those from 1 April to 31 May 2020, 2) conveners, authors and attendees to discuss abstracts, presentation materials and open questions during a live, text-based chat (4-8 May 2020), 3) everyone to participate in Union Symposia, Great Debates, Short Courses, Networking, Division Meetings, #shareEGUart, Photo Competition and more and 4) EGU to gather experience with online activities and use these in plans for reducing the environmental impact of the GA. OM presented in detail what is on during the SGO and how part of the GA activities are brought online. OM particularly highlighted that the new concept was implemented in very short time. Concerning the EGU Code of OM stressed that participation in EGU2020; SGO implies agreement to the EGU's Code of Conduct and if colleagues experienced infringements against these rules they can contact [conduct@egu.eu](mailto:conduct@egu.eu).

## **10. EGU 2021 and the Future**

OM highlighted that the deadline for ST Medal/Award nominations is 15 June 2020. The evaluation is based purely on scientific excellence and the community is particular invited to nominate female researchers for the Julius Bartels Medal and the Outstanding Early Career Scientist Awards. OM discussed the promotion of PICO sessions which help to an overall increase of abstracts since the number of oral blocks and rooms are limited. PICO sessions constitute a very good way to communicate science, they are very interactive and make invited presentations possible having a PICO presentation of 10 mins.

OM presented the working version of the GA2021 timeline. The sub-programme structure (call-for-skeleton) deadline is scheduled from 1-19 June 2020. The abstract submission deadline is scheduled for 13 January 2021. OM urged the ST community and participants of the DM to send their feedback via the link provided by EGU SGO 2020 <http://survey.zohopublic.eu/zs/K4B8dx>

OM urged the ST community to enjoy the Sharing Geoscience Online 2020 experience!!