

Dr. Mario M. Bisi – AOGS ST President Candidate 2019 – Mission Statement

Solar-Terrestrial Sciences within AOGS is often one of the largest and most-active scientific disciplines in terms of the number of abstracts submitted, international engagement, number of attendees, and the number of highly interesting and pertinent sessions. **I would like to work hard with you all** to make ST the *TOP* section within AOGS. Further encouragement is needed for those from within the AOGS region to attend, as well as those from outside the region for fruitful exchanges of our scientific knowledge and findings, thus driving ST forward at a greater pace with a higher level of interest and understanding. **My strong ties into the European and American regions** will aid greatly in enhancing these international connections, fostering collaborations, and active scientist participations at AOGS meetings as I've been achieving these past six years already.

I want to make sure that AOGS for ST scientists remains, what is probably, one of the top two or three annual meetings for ST science (perhaps only second to the annual Fall AGU meeting and the occasional more-specialist ST-related workshop). **I was the Sun and Heliosphere and now Space Weather Secretary since 2011**, and *in that time I have worked hard within ST where ST-H had consistently become the largest sub-section of ST in recent years having sometimes 50% or more of the total number of ST Sessions*. Working with the other ST Secretaries and the outgoing President, I am sure that all of ST can build and grow further while retaining the 'small meeting' feel and atmosphere that we all love about the AOGS meeting. *I am experienced in, knowledgeable about, and deeply committed to our ST Section, and to AOGS as a whole* (having covered a Council Meeting and Several E-Mail communications for our ST Presidents). **My own research involves global collaborations with colleagues in China, Japan, South Korea, India, and Australia within the AOGS region**, as well as with colleagues in the UK, across Europe, in Mexico, South Africa, and the USA. My research spans the ST sub-disciplines of STH, STW, and STI.

I would like to increase further the validity and interest in poster sessions. Looking to the much-larger Fall AGU as an example here where something like 80% of abstracts are given as poster presentations. This, in turn, leads to very-active and sometimes animated interactions at posters that often form the basis of new and on-going scientific discussions and collaborations. ST within AOGS can try to get closer to this by **simply encouraging attendees to have a second abstract** (*since the registration fee covers up to two abstracts*). This will not only allow for the possibility of a greater number of oral sessions, but also for a greater number of posters and perhaps a lower percentage of invited abstracts as a result (which has been a small problem for some smaller sessions in recent years). This will also facilitate an easy way to increase the scope of ST science at AOGS. *Hence, this would result in a grander volume of rewarding ST science at AOGS meetings.*

In addition, although much work has already been done in forming links and **joint sessions between ST and other sections within AOGS**, I feel yet more can be done here and this is something that *needs to be encouraged and further discussions are needed on this within AOGS with other section presidents (such as PS, AS, and IG)*. I have developed a strong international leadership role in space-weather research, having organised and am organising several workshops on advanced missions over the last few years and next year. This **naturally involves multiple groups from across the AOGS region** as well as from many other countries across the globe.

One last feeling that I have is that **I think it is time for a formal joint ST meeting between AOGS ST and the relevant counterparts from both AGU and EGU** in one venue outside of the more-encompassing AGU/AOGS meetings and the more-focussed individual Solar Wind/URSI/IAU/Workshop-type meetings where the meeting is entirely focussed on the Solar-Terrestrial Sciences. ***I want to explore such options with the relevant ST Presidents/Secretaries from AOGS, AGU, and EGU to see if there is an interest in this and if this could be made possible.*** I have also just been nominated the Vice President of the ESWW Programme Committee.