

AOGS General Election 2023-PS President Mission Statement

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AOGS is a highly international society, which encourages and promotes vital communications between scientists within the Asia-Oceania region and beyond. Planetary explorations in Asia-Oceania countries are seeking chances for rapid development and urging closer international communications between planetary scientists across the world, in achieving breakthroughs of great scientific importance while making the most out of expensive planetary exploration projects.

Ever since obtaining my PhD from Peking University (China), I have been working in different countries with diverse cultural background, which underpinned my realization of the importance of communications in the world of science. After a successful 3-year postdoctoral research in UCL (UK), I became an independent researcher funded by the Marie-Curie COFUND fellowship for another 3-year research in Liege (Belgium), and then joined Chinese Academy of Sciences to lead a research group of my own. I have been personally taking a very active engagement in exchanging information and ideas. Specifically, I have participated the organization of more than 10 international meeting sessions like AOGS, AGU, EGU etc., and edited issues for scientific journals, including the AOGS journal *Geoscience Letters* on the topic about planetary magnetosphere-ionosphere coupling processes. Therefore, I have always kept a close and strong connection with AOGS. In addition to the aforementioned roles, I am currently also serving the PS section as a secretary and an award committee member of the AOGS. In this position, I have often nominated suitable candidates for AOGS awards, and I am very honored to have received the AOGS Kamide Lecture Award myself. It has always been my utmost passion to support all AOGS activities, and I have a broad international vision to lead the AOGS PS section to further maintain its present service as well as to tackle future challenges.

If I could have the opportunity to serve as the new president of the AOGS PS section, I would like to promote the following actions to strengthen the section.

- Organize tailored sessions for discussion of potential international collaborations on planetary space missions. The Asian countries are becoming increasingly active in planetary explorations, and this will create huge opportunities for multinational collaborations between these new players as well as collaborations with the US and European countries. These proposed sessions will provide a crucial platform in bringing international research groups and funding bodies more closely related for the particular missions in discussion.
- Integrate the small workshops/meetings in different countries with similar topics into AOGS sessions. AOGS PS section may also be responsible for coordinating with the relevant organizations in different countries to jointly launch international workshops on specific topics, for example the Mars research workshop amongst the recently launched missions by different countries.
- Invite highly influential speakers, such as mission PIs, to attract more audiences. I aim to also organize the selection of abstracts that could potentially gain a high public attention and highlight these talks during the AOGS meetings in aid of adding information and diversities into the meeting sessions.