

2nd IAG Commission 4 Symposium on Positioning and Applications

Space Weather is a topic of high societal relevance and thus, of great interest for Geodesy and Aeronomy. The Symposium will bring together experts from the various fields. IUGG support will significantly contribute to the success of the event through taking over registration and travel costs for young scientists, female researchers, researchers from developing countries, and invited experts of the various scientific communities.

The objectives of this project are mainly to establish a dialog platform on space weather related science with the aim of creating new knowledge and stimulating potential common inter-disciplinary formats in the future. Furthermore, the topic will become more visible in the geodetic community. In short, the event serves the following purposes:

- Bring together the experts of various disciplines
- Enable a general exchange of methods and knowledge of physical processes in near-Earth space environment between both communities
- Stimulate innovative ideas and new cooperation
- Develop a roadmap for the establishment of space weather data centers and space weather services
- Create awareness of the topic space weather research in geodesy and aeronomy
- Educate young scientists
- Include scientists from developing countries
- Attract female scientists