

## **IMAGE Science Council meeting 2019 minutes**

**Time:** 5 Sep 2019 17-18 CEST, 6 Sep 2019 13-15 CEST

**Place:** Geological Survey of Sweden, Villavägen 18, Uppsala, SWEDEN

### **Present:**

Representatives of the contributor institutes:

SGU: Gerhard Schwarz

IRF: Masatoshi Yamauchi

TGO: Magnar G. Johnsen

Njål Gulbrandsen

GFZ: Jürgen Matzka

IG : Anne Neska

PGI: Yaroslav Sakharov

SGO: Tero Raita

FMI: Kirsti Kauristie (Chair)

Liisa Juusola (Minutes)

Ari Viljanen

Tiera Laitinen

Associate Members:

Anna Willer, DTU Space, Denmark

Eija Tanskanen, Aalto University, Finland

Hermann Lühr, GFZ German Research Centre For Geosciences, Germany

Hermann Opgenoorth, Umeå University, Sweden

Others: Reko Hynönen, Aalto University

### **Agenda:**

1. Selection of IMAGE Host Institute and PI (until 2023)

FMI indicated interest in continuing as the Host Institute with Liisa Juusola as the PI and were selected by consensus.

2. Selection of the Science Council Chair and Vice-Chair (until 2023)

The Chair candidate Magnar G. Johnsen and Vice-Chair candidate Eija Tanskanen were selected by consensus.

3. Data policy: SGU, IRF, and SGO have not yet decided their license type

SGU and SGO hope to inform Liisa about their license in a few months. IRF will follow SGU's policy and adopt the same license as they.

4. Collaboration with third parties: global networks, ESA, and EU: clarification of practices and recommended guidelines

The principles of forming a consortium that benefits financially from exploiting the IMAGE data were discussed. It was agreed that as IMAGE data are freely available, there is no need to invite all data providers to the consortium. However, no institute should try to claim the IMAGE data (apart from the data of their own instruments) as their own asset as they have no better claim to the freely available data than anyone outside of the community.

5. Next IMAGE meeting in 2021

Hermann Lühr suggested that instead of 2021, the next meeting should be in 2022, which is the 40th anniversary of the EISCAT magnetometer cross and IMAGE. FMI offered to host the meeting in Helsinki. It was agreed that the next IMAGE meeting is hosted by FMI in Helsinki in 2022.

## 6. AOB

### EPOS:

Inclusion of IMAGE data to EPOS was discussed. All IMAGE institutes have not yet received the supplier letters. Ari will remind Pavel Hejda to send them to the correct contact people.

### DOI:

Acquiring a DOI to be used as a reference for IMAGE data was discussed. A DOI would provide acknowledgement for the data providers and allow participation in projects that apply strict data policy, but it would have some requirements, such as guaranteed permanent access to the data. A DOI could be linked to the IMAGE webpage. New data could be added to such a DOI data set, but the existing data could not be modified, which is a problem for IMAGE, as corrections need to be made occasionally (-> versioning?). It was suggested that a joint publication by all data supplier institutes could be written instead. This would at least generate citations for the data providers, and provide an updated description of the network. It was agreed that we will aim at publishing a common paper by the IMAGE anniversary in 2022. We will follow the on-going SuperMAG discussion of getting a DOI for their data, and if they find a good solution, we will copy it.

### SuperMAG acknowledgements:

It was noted that only some IMAGE institutes have their logo on the SuperMAG webpage. Furthermore, the SuperMAG acknowledgement text is full of typos. Liisa will send to SuperMAG the same or updated logos and web addresses we have on the IMAGE webpage, to be added on the SuperMAG webpage in addition to the IMAGE logo. Liisa will also ask SuperMAG to correct the typos and the web address the IMAGE logo points to.

### 1 sec data:

Dissemination of 1 sec data from IMAGE stations was discussed. It was agreed that IMAGE will not start to disseminate 1 sec data, as other channels, such as SuperMAG, already exist. However, IMAGE will strive towards an extension of 1 Hz sampling at all stations, but will now indicate which stations produce already reliable 1 sec data that are available either on request or freely from other sources. Liisa will collect the information and add it on the webpage.