

IMAGE Science Council meeting minutes

Time: 25 Sep 2024 at 10:00-11:30 CEST

Place: DTU, Kongens Lyngby, Denmark + Zoom

Meeting started at 10:04 CEST.

Present:

Parties:

TGO: Magnar G. Johnsen (SC Chair)

FMI: Liisa Juusola (PI), Mirjam Kellinsalmi, Ari Viljanen (online)

SGO: Tero Raita (SC Co-Chair)

IG PAS: Anne Neska, Mariusz Neska (online)

IRF: Masatoshi Yamauchi (online)

SGU: Jan Wittke

DTU: Anna Willer

Parties-in-waiting (have not yet signed the Cooperation Agreement):

SI: Gunnlaugur Björnsson

Associate members:

Hermann Lühr (online)

Missing:

Parties: GFZ

Associate Members: Hermann Opgenoorth, Iann Mann, and Karl Laundal

The meeting was convened and the agenda circulated by email by the SC Chair Magnar G. Johnsen on 16 Sep 2024. 7/8 of the votes were present. The meeting was quorate.

Agenda:

1. Acceptance of Agenda

The agenda was accepted.

2. Appointment of writer of minutes

Magnar G Johnsen suggested Liisa Juusola and she agreed.

3. Review of SC Chair and Co-Chair and PI and Host institute?

- SC Chair was elected in Uppsala in 2019 and confirmed in November 2022.
- SC Co-Chair (Tero Raita) was elected in November 2022.
- PI and Host institute was confirmed in November 2022.
- According to the IMAGE statutes the above four should be reviewed every four years. It is therefore strictly not necessary to do it now, however we leave this point in case anyone would like to address it.

No comments.

4. EPOS in relation to IMAGE:

Last SC meeting in February 2024, the question to add the EPOS logo to the IMAGE web pages came up. Quote from minutes:

“Ari Viljanen conveyed a request from EPOS to add their logo to the IMAGE webpage. Magnar G. Johnsen noted that there is no formal agreement or collaboration between IMAGE and EPOS, and he therefore does not understand why EPOS should have a logo at the IMAGE webpage. TGO data, for example, is not available through EPOS although the license under which the data are distributed would allow this. Yama suggested that rather than promote EPOS, IMAGE could promote other relevant infrastructures, such as all-sky cameras. It was concluded that the Parties will vote on this at the next IMAGE meeting.”

SC chair comment: It is not exactly clear to me what we should vote on. A discussion on how to link and promote other projects, consortia and friends on the IMAGE web pages is needed. I would suggest that we establish a “link” page on the site, where entities such as EPOS, SuperMAG, related infrastructures such as carisma, intermagnet, eiscat etc. can be added with their logos if desired? (hard to maintain external links, though...)

Magnar G. Johnsen suggested that we could add a new subpage to the IMAGE web pages where we list related observations (only links) and data repositories that re-distribute some part of IMAGE data (both links and logos). EPOS would be included in the latter category.

Hermann Lühr and Anne Neska supported the suggestion. Anne Neska commented that the EPOS people are astonished about the unwillingness of the IMAGE people to show the EPOS logo at their webpage although EPOS promotes IMAGE data.

Ari Viljanen commented that the data policy of EPOS requires signing supplier letters by each data provider, which seems to be in conflict with CC licenses. A few years ago, an attempt to collect signatures was not very successful within the geomagnetism community. As a result, only FMI data is presently used at EPOS portal for IMAGE-related products. This problem has been communicated to EPOS, but so far there has been no reply.

Masatoshi Yamauchi asked who would make the suggested webpage and which links should we include. Liisa Juusola volunteered to make a draft page and circulate it for comments. Hermann Lühr suggested that we should limit the list to ground-based observations.

Magnar G. Johnsen declared a vote on having Liisa Juusola prepare a suggestion for the new subpage and circulate it for commenting.

Result: All in favor.

Magnar G. Johnsen concluded that after the suggestion has been sent, we can have an online meeting to discuss it, if needed.

5. Open slot to discuss status of DOIs on IMAGE data.

Any progress since last SC meeting in February?

Masatoshi Yamauchi reported that they have acquired DOIs for the Kiruna magnetometer 1-s (<https://doi.org/10.48322/zeps-0f35>) and 1-min data (<https://doi.org/10.48322/7xsf-ze79>) through SPASE. The DOIs point to the Kiruna magnetometer webpage.

Tero Raita commented that a DOI can only be used to point to the data set for which it has been created and that the data under a DOI should be frozen.

Hermann Lühr asked if we gain something by following these rules. He noted that GFZ has a good system for creating DOIs and suggested that he could contact them to find out about having a DOI for IMAGE data.

Tero Raita He suggested that the IMAGE DOI could be a landing DOI that refers to the DOI's of the separate institutes. This would allow each institute to decide how they wish to implement their DOI.

Magnar G. Johnsen noted that having a DOI is desirable because it provides visibility and traceability to the data. He concluded that this topic is not yet ready for voting and will be kept on the agenda. For now, we will wait for what Hermann Lühr finds out.

6. Next IMAGE meeting, when and where?

Magnar G. Johnsen noted that as the IMAGE meeting has been arranged every two years the next one should be in 2026.

Hermann Lühr ask if the next meeting could be in Niemegek so that he could get a chance to participate. He told that Jürgen Matzka has agreed to host the meeting if Niemegek is selected.

Magnar G. Johnsen declared a vote on having the next IMAGE meeting in Niemegek in 2026.

Result: All in favor.

7. Any other business.

Masatoshi Yamauchi noted that the IMAGE community does not have a common science publication that promotes IMAGE data and could be used as a reference for IMAGE data, especially since IMAGE has expanded. He asked if we should make such a study and if yes, who would lead it.

Hermann Lühr commented that this is not a question for the Science Council. Instead, someone could just get started and for sure others would then jump in. The May 2024 “Mother’s Day” geomagnetic storm could be well suited because of the local time of IMAGE. He asked if such a publication should also contain a technical description of IMAGE, especially with the new stations.

Magnar G. Johnsen summarized that it would be useful to have a technical paper that describes IMAGE and uses a case like the May 2024 storm to illustrate the power of IMAGE. The initiative should come from an individual scientist.

Masatoshi Yamauchi volunteered to take the initiative and send something to the IMAGE SC in due time.

Meeting ended at 11:12 CEST.