



SVENSKA NATIONALKOMMITTÉN FÖR ASTRONOMI

Protokoll från mötet av Svenska Kungliga Nationalkommittén för astronomi (NK; National Committee for Astronomy, NCA) inom Kungliga vetenskapsakademin (KVA)

Tid: 2025-01-15, 13-14:10.

Plats: Online in Zoom

Närvarande ledamöter (Zoom):

In-person: Elvire De Beck (ordförande, EDB, CTH), Oleg Kochukhov (viceordförande, OK, UU), Jouni Kainulainen (sekreterare, JK, CTH), Thomas Bensby (TB, LU), Gabriella Stenberg Wieser (GSW, IRF), Alexander Mustill (AM, LU), Erik Zackrisson (EZ, UU), Angela Adamo (AA, SU), Karin Lind (KL, SU), Kelley Hess (KH, Chalmers), Jorrit Leenaarts (JL, SU), Felix Ryde (FR, KTH), Timothy Linden (TL, SU)

Anmält förhinder: John Conway (JC, CTH)

Frånvarande: Henrik Hartman (HH, MU)

Övriga närvarande: -

[LU Lunds universitet, KTH Kungliga tekniska högskolan, UU Uppsala universitet, CTH Chalmers tekniska högskola, SU Stockholms universitet, IRF Institutet för rymdfysik, MU Malmö Universitet, SAS Svenska Astronomiska Sällskapet, FAS Finnish Astronomical Society, DAS Danish Astronomical Society]

1. Meeting is opened

EDB starts the meeting at 13:00.

2. Approval of the meeting agenda

The agenda is approved.

EDB is agreed to chair this meeting, in the absence of new leadership.

3. Introductions

The participants introduce themselves; keyword summaries are given below.

EDB: Assoc. Prof. at Chalmers. Works in stellar astronomy, evolved cool stars, circumstellar material. Observational work in radio/sub-mm.

OK: Prof. at UU. Works in stellar physics, magnetic fields of stars. Observational work to detect magnetic fields and study their properties; stellar dynamos; ground-based and space-based (Kepler and TESS).

TB: Lecturer at LU. Works with stellar spectroscopy, galactic archeology, large spectroscopic surveys.

KL: Assoc. Prof. at SU. Works with stellar spectroscopy, large surveys, stellar abundances.

GSW: Assoc. Prof. at IRF at Kiruna. Works on space plasma physics, observational/experimental data from satellites. Operations manager for an instrument on JUICE.

JK: Assoc. Prof. at Chalmers. Works in the area of interstellar medium and star formation, galactic surveys, observational work.

AM: Researcher at LU. Works on orbital dynamics, N-body simulations, stellar evolution on planetary systems.

EZ: Prof. at UU. Works on the early universe, first stars, galaxies, black holes, lensing. JWST, ELT, SKA, SETI.

AA: Assoc. Prof. at SU. Works on star formation and star clusters in local galaxies; JWST and gravitational lensing at high redshift; star formation physics from the observational perspective; MUSE consortium; ESO STC member. In the board selecting the ESO facility after ELT.

KH: Senior Res. at Chalmers. Works on extra-galactic radio observations, galaxy evolution, environment of galaxies, galaxy clusters and groups at $z > 1$. Involved with the SKA RC at Chalmers.

JL. Prof. at SU. Works on solar physics, theoretical perspective, director of the Swedish 1-m solar telescope.

FR: Prof. at KTH, Works on high-energy astrophysics, GRBs, X-ray binaries, AGNs, relativistic shocks and radiation processes.

TL (during agenda item 6): U. Lecturer at SU, Works on dark matter, Gamma-ray astronomy.

JC (absent): Prof. at Chalmers. Director of OSO infrastructure, K2 member at KVA.

HH (absent): Docent at MU. Works on stellar spectroscopy, laboratory spectroscopy.

4. Description of NK tasks

EDB summarizes the NK tasks.

- Communication with IAU, especially membership questions and gathering.
- Similar task regarding EAS.
- Dealing with various questions and requests. National and international.
- Delegation of the organization of the astronomdagarna; issues linked to astronomdagarna.
- Possible own initiatives.

OK notes the role of NK as an affiliated society in EAS. OK has represented NK in the business meetings of EAS (as the vice-chair of the NK).

Discussion on how to proceed with the selection of new leaders: EDB and FR suggested and selected for election committee. They will continue the search of new head, vice-head, and secretary via personal discussions and emails. The new committee is to be selected, after a suggestion from EDB, via email approval and vote if necessary (no separate meeting planned).

5. Paranal problem

AA describes the issue with the construction site next to Paranal in Chile. ESO describes that effects on the sky in terms of light pollution are significant and destructive; they make Paranal a mediocre astronomical observation site. The director suggests that member states activate national politicians to contact Chilean government.

Discussion on possible routes and persons to influence. Camilla Jakobson from VR is the representative of Sweden in ESO Council. She has already made contact with Swedish ambassador in Chile.

Discussion on what are the relevant materials one can use to inform and discuss the issue with others. The delicate nature of the situation is noted. Mariya Lyubenova, head of ESO PR, could be contacted for relevant materials. AA will do this.

Relevant timeline discussed. No action items in this respect.

13:42: TL enters the meeting.

6. Astronomdagarna

EDB brings up the discussion from the last NK meeting regarding common meetings with Nordic countries. TL had volunteered to engage and looking into the topic. There will be discussions among the countries' representatives in the end of January. Feedback invited to TL.

Discussion on the Nordic/Swedish meetings and different perspectives and possibilities.

FR leaves 13:51

7. AOB

No AOBs.

8. Next meeting

The next meeting discussed; it should be physical meeting, to be called by the new NK ordförande.

EDB ends the meeting at 14:10.

Vid protokollet:

Justerat:

Oleg Kochukhov (viceordförande)

Elvire De Beck (ordförande)