



KTH Fysik

Department of Physics

Management Group meeting

Monday 6th Mar 2023, 12.00 – 14.00, A5:1003

Participants: Pär O, Josefin L, Jonas S, Pavel K, Jennie E, Sevostian B, Daniel Q, Bo C, Mats P, Jens B

Apologies: Mattias B, Tommy O

Agenda

- **News**
 - Teaching levels
 - In 2022 KTH did not use up the awarded GRU allocation from the government and had to return funds. For 2023, different actions are planned to increase the number of students and the amassed HST/HPR.
 - The MSc programs (Physics, Nuclear Engineering) may expect higher intake. Nuclear Engineering has highest number of primary applicants ever.
 - KAW Scholar candidates selected by central committee from SCI:
 - Babaev, Brändén, Delin, Testa. These and current Scholars can apply.
- **Rektors visit**
 - Anders Söderholm will visit the department on May 3, 9:00 – 10:30.
 - Pär urged the division heads to get back with suggestions for the visit
 - Feedback from Math:
 - Short intro by Anders, brief overview of department by Mats Boij, one professor, one associate prof, one assistant prof and one PhD student briefly presented what they do. Then 45 mins for open discussion.

- **Economy**

- Overall Department economy goes well.
 - Budget for 2022 was +3.9 Mkr, result was +3.5 Mkr [turn around 145 Mkr]
 - Budget for 2023 is -0.1 Mkr (-1.0 Mkr FoFU, +0.9 Mkr GRU) [turn around 150 Mkr]
- Focus below on **MK result** for 2022 as stability indicator
 - Free Dep MK result on FoFU: **+6.5 Mkr**
 - Free Dep MK result on GRU: +1.0 Mkr (+3.0 Mkr since 2021)
 - SHA/Dep: +3.7 Mkr (some of which is already pre-allocated for co-financing)
 - SHD/NP: -4.3 Mkr (same as 2021)
 - SHE/NPS: +8.9 Mkr (+0.7 Mkr since 2021)
 - SHG/PAP: -1.5 Mkr (same as 2021)
 - SHH/NE: +3.5 Mkr (+3.2 Mkr since 2021: 220 kkr will be withheld at Dep)
 - SHK/MSI: -3.8 Mkr (old debt project, cleaned by 0.9 Mkr each year from Dep)
 - SHL/PMI: +75 kkr (+0.7 Mkr since 2021)
 - SHO/CMT: +1.0 Mkr (+0.7 Mkr since 2021)
 - SHS/WS: -1.1 Mkr (-0.1 Mkr since 2021)
- Distribution of faculty funds 2023
 - Division: bas + fou + sats
 - SHD/NP: 3.0 + 0.8 + 0.3 Mkr
 - SHE/NPS: 1.5 + 0.7 + 0.5 Mkr
 - SHG/PAP: 7.5 + 1.1 + 1.5 Mkr
 - SHH/NE: 2.5 + 1.1 Mkr
 - SHL/PMI: 1.0 + 0.7 Mkr
 - SHO/CMT: 5.0 + 1.3 Mkr
- As per decision by Sandra in 2020, all personal FoFU accounts shall be closed in three years (excluding special actions, starting grants). Balance in any remaining personal FoFU accounts will thus be moved into division FoFU balance by the end of 2023.
- Department re-organisation may well “resolve” MK issue and co-financing.

- **Future Deputy Heads**

- Department needs three deputy heads following SCI reorganisation principle
 - Deputy Head for Research, Outreach, Impact and Infrastructure ↔ Josefin takes this up as Proprefekt
 - Deputy Head for Education ↔ Studierektor, Tommy
 - Deputy Head for Faculty Renewal (currently managed by Pär) → Needs to be found from faculty.
 - Pär intend to send out a call for interest to the faculty today
 - Should be established by 31/3

- **KVA GG nominations (Göran Gustafssonspriset)**
 - Pär suggest to nominate Jens B
 - Management group approves suggestion.

- **Development discussions 2023**
 - Medarbetaresamtal / Development discussions to be held before end of April
 - More information sent out today
 - Pär will have development discussion with faculty as usual, Division heads take all other staff
 - For anyone relevant for promotion or docentship, it has to be brought up and discussed. Pär need to be informed of anyone declaring they intend to move ahead with such process.

- **Administration overhaul process GVS → VS**
 - No news since last time

- **Faculty renewal**
 - Yunxiang Liao has accepted offer as assistant professor in physics with specialization in condensed matter theory. Expected to start on 1/9 2023.
 - Experimental particle physics: Awaiting approval of expert reviewers.
 - Nuclear Engineering: Awaiting action from division.
 - Nuclear Power Safety: First draft received, awaiting further action from division.
 - Wallenberg DDLS position was not awarded to us.
 - Discussion of principles: proposed for next meeting

Bo informs: The criteria for calling professor will be reworded and stricter.

- **Summer intern program**
 - Last chance to tell Josefin if there are staff ready to host a student project.
 - 4 confirmed projects so far. Proposed call have been sent to Pär for approval, should be forwarded to HR soon.

- **SCI re-organisation process**
 - Focus on finding a new deputy head for faculty renewal

- **Outreach (Josefin)**
 - Albanova opening 20-23 September: Caisa Ramqvist will take over the responsibility of organisation contributions from KTH. The coordinator want to know which category/ies the Physics department can contribute with;
 - Kunskapstorg – exhibition like
 - Lab visits
 - 10 min presentation,

- Conversation – 1h event with multiple people (like a panel) connecting to sustainable development
Management group decides to contribute within all categories. The coordinator will get back with more information.
 - Svenska Fysikerdagarna: registration now open. Event planned middle of June
- **JML (Josefin)**
 - Josefin and Pär will set a new date for activity discussion.
- **Ph.D. student representative (Daniel/Elina)**
 - Daniel reported having a meeting with Mark Pearce as an introduction for representing the student body in future faculty and docent interviews
 - The PhD student council is investigating which aspects of the PA introduction could be shared across departments
- **Physics administration (Jennie)**
 - No news to report.
- **News or issues from Divisions**
 - The first survey in KTH Employee Pulse Survey was sent out February 7th to everybody who has been employed for at least three months. The employee pulse is KTH's new employee survey, which consists of shorter surveys (fewer than 30 questions/statements) that are sent out quarterly.
 - Pär went through the departments anonymous answers. Jennie suggested sending out an information sheet to the division heads for distribution on whom to talk to when experiencing harassment/discrimination etc.
- **Personnel news**
 - Postdoc, observational high-energy astrophysics (Josefin), S-2022-1936, status?
 - PhD students, prototypiska tvåfasströmning experiment och analys (Pavel) S-2022-2076, status?
 - PhD (lic), production of nitride fuel from fluorides (Dmitry). S-2022-2081, status?
 - PhD, experimental particle physics (Jonas) S-2022-2182, status?
 - Postdoc, experimental particle physics (Jonas), S-2022-2265, status?
 - PhD, condensed matter quantum theory (Jens) S-2023-0223, deadline 2023-03-23
 - Research engineer (Mark) S-2023-0150, Filip Af Malmberg recruited.
 - Forskningsamanuens for HGTD firmware and software (Jonas) S-2023-0383, deadline 2023-03-10
 - Postdoc, machine learning in severe accident modeling and risk analysis (Pavel) S-2023-0411, deadline 2023-03-31
 - PhD, nuclear power safety (Sevostian) S-2023-0440