

Evaluation of IFA infrastructure applications

As requested by the department board this is a slightly updated version in order to clearer explain the criterion used in the evaluation process.

There were seven applications submitted for the round of 2024. Overall the applications have a good quality.

The applications have been prioritized as below. This prioritization was based on the existing criteria for evaluation, that the evaluation should be based on:

- Strategic value for the research area and the department.
- Uniqueness.
- Long term plan.
- Existing finances from other sources.
- Avoiding financing projects related to other already financed projects.
- Balance between research fields at the department.

Four of the applications were top ranked and are suggested to be at least partially financed. Without internal prioritizations but in alphabetic order they were the projects with the following principal investigator.

- Brenner, a project which are within an important CERN based international collaboration which are strategically important for the department. This group has not received any funding from the infrastructure fund before.
- Mutta, a project regarding instrumentation for studying Quantum Materials with Quantum technology, a strategically important field for the department.
- Primetzhofer, to co-finance a project that is one of the four priorities of the physics section as identified in the KOF24 process.
- Stemples, a project which are within the European South Observatory, an international collaboration that are strategically important for the department. This group has not received any funding from the infrastructure fund before.

We prioritize the other three as follows, with a short motivation.

5. Söderström, an application from a research program that already have financed infrastructures.
6. Papenbrock, KoF-24 nuclear physics priority of type 2. It will soon be discussed together with other type 2 priorities.
7. Jay, an application for experimental equipment that is weak on the infrastructure role.

For the leadership group, but performed by members without conflict of interest,

Lars Nordström and Urban Eriksson.