

The Finnish Physical Society

Action plan 2023 (starting 30.03.2023)

ADMINISTRATION

Members

In the upcoming year, the Finnish Physical Society (FPS) plans to actively attract new members. Particularly Junior and Student members who have reduced fees but may not be aware. The FPS will also seek out Sponsoring Members to increase our ability to support Physics in Finland. The FPS aims to increase the benefits of membership through hosting an increasing number of events and additional grant calls throughout the upcoming year.

Accounts

The society is still in transition due to the pandemic and change of the operation mode. In 2022, FPS made a considerable surplus. To balance income and outcome, in 2023, the society will aim increasing its activities and expenses in the form of events and grants. The main income of FPS will be the membership fees and activity support by The Federation of Finnish Learned Societies for international activities.

Annual meeting

FPS Annual meeting will be organized at the Physics Days 2024 as a hybrid meeting.

ACTIVITIES IN FINLAND

Divisions, working groups & Local physicists' clubs

The activities of the divisions and other groups will be more closely supported by the FPS. The community will be surveyed to determine if there is a desire for any additional Divisions or if any are no longer relevant.

Diversity in Physics, Finland (FinDiP)

FinDiP will strive to involve a diverse range of people in its organisation, to better reflect the many kinds of people who do physics. It will also continue to bring together wellbeing groups and other bodies working in physics across Finland.

Finnish Young Minds (FYM)

Finnish Young Minds (FYM) brings together young researchers from undergraduate level to post-doctoral researchers. The aim is to increase interaction and collaboration among young researchers from local and national institutions, promote awareness of physics research to local communities outside academia and to build an international network.

Greatest Physicists lecture series

The FPS will continue to organise this series in partnership with the Aalto University alumni association.

Physics Days & Nordic Physics Days 2024

Physics Days 2024 and Nordic Physics Days 2024 will be organised by the University of Helsinki, primarily as an in-person meeting in Helsinki though the format is still to be decided. The chair of the local organising committee is Tuomo Nieminen and the chair of the programme committee is Kimmo Tuominen.

Nights of Science

The FPS will contribute to the next Night of Science in a manner yet to be determined and will encourage the participation of others.

Visits by Nobel laureates in physics

The Nobel laureates of 2022 were unable to commit to visiting Finland. The FPS intends to re-establish this long-standing tradition in 2023 by facilitating their visits and those of the eventual 2023 winners. Funding will be applied for from the Finnish Academy of Science and Letters and the Finnish Society of Sciences and Letters.

INTERNATIONAL ACTIVITIES

European Physical Society (EPS)

FPS will actively participate in the activities of the European Physical Society (EPS) and its Council, Divisions, Groups and Committees. FPS will be represented in the EPS Council meetings in 2023-2024.

The EPS held its first EPS Forum at Sorbonne University in Paris, France, in June 2022. Its objective was to showcase the latest developments in several fields of physics, their potential links with the industry and current opportunities of employment for young physicists. This event welcomed almost 500 participants among whom 184 students coming from 30 different countries. The second EPS Forum will be held at the Henry Ford building of Freie Universität Berlin, Germany, between Monday March 25 and Wednesday March 27, 2024. FPS will participate in the FPS Forum.

PRIZES AND GRANTS

Grants to support activities promoting physics

The Society provides small grants to support local activities and advance public awareness in physics. Two grant calls are planned for 2023 but are dependent on budget constraints.

Master's thesis prize

This tradition of supporting early career researchers in Finland will continue. The award ceremony will take place at Physics Days 2024 and the winner will receive €1000 and a one-year free membership to the FPS. The Board makes the final determination and can split the prize if necessary.

Best poster and oral presentations at Physics Days

The FPS will continue to award the Hannu Koskinen Prizes for the two best poster and two best oral presentations during Physics Days. Starting in Physics Days 2024 the criteria will be adjusted such that students are no longer competing against postdoctoral researchers.

PUBLICATIONS, JOURNALS, MEDIA

Arkhimedes

Arkhimedes FPS publishes Arkhimedes together with the Finnish Mathematical Society and Fysikersamfundet i Finland. The journal is published in an electronic format at <https://journal.fi/arkhimedes>. FPS will support all actions to streamline the administration of the Arkhimedes.

EPL (Europhysics Letters)

EPL is published under the scientific policy and control of the European Physical Society by EDP Sciences, IOP Publishing and Società Italiana di Fisica for a partnership of 17 European physical societies (the EPL Association). FPS is a member of the EPL Association.

Europhysics News

Europhysics News (<https://www.europhysicsnews.org/>) is the magazine of the European physics community. It is owned by the European Physical Society (EPS) and produced in cooperation with EDP Sciences. Europhysics News is delivered electronically to the FPS members.

FPS Newsletter

FPS delivers to its members collections of recent news and activities in the format of FPS email Newsletter 2-3 times per year.

Social media

The FPS web pages are at www.fyysikkoseura.fi and email of the society is toimisto@fyysikkoseura.fi. The society also has a Facebook group. FPS is also on Twitter (@Fyysikkoseura) where most of the news items are tweeted.

Merchandise

The Board will investigate the possibility of making a range of FPS-branded items available for purchase to support the activities of the Society.

Email and cloud services

FPS will seek new ways to organize and modernise its email and file services.

Finnish National Committee of the International Union of Pure and Applied Physics (IUPAP)

Action plan 2023 (starting 30.3.2023)

The Finnish National Committee of the International Union of Pure and Applied Physics (IUPAP) will continue its work related to the IUPAP and its commissions. It serves as an important link between the IUPAP and national physics societies, universities and institutes. The national committee promotes activities related to physics research, education, and outreach. It also fills in surveys and provides information on national activities to IUPAP. The national committee maintains good contacts with other international physics associations and organizations via IUPAP.

The Board of the Finnish Physical Society will continue to serve as the Finnish National Committee of the International Union of Pure and Applied Physics (IUPAP). The Committee will meet regularly in conjunction with FPS Board meetings. The Chair of the Committee will represent Finland at the 32nd IUPAP General Assembly.

The Committee will support the IUPAP commission members from Finland by sourcing travel support to commission meetings and providing networking support. Finland's representation in IUPAP Commissions for 2021-2024 are as follows: C2: Symbols, Units, Nomenclature, Atomic Masses & Fundamental Constants: Erkki Ikonen (member), C4: Commission on Astroparticle Physics: Ilya Usoskin (member), C5: Low Temperature Physics: Mika Sillanpää (member).