



Discover the **NEPHEWS** project

Neutrons and Photons Elevating Worldwide Science

Our Mission

- ▶ NEPHEWS uniquely unites the European photon and neutron research communities, combining access to world-class infrastructures for excellent curiosity-driven science.
- ▶ It broadens access to advanced facilities by supporting underrepresented users through outreach, training, and advocacy for better funding of cross-border research.

Our Goals

- ▶ Strengthen transnational cooperation by sharing knowledge from leading to less active regions and easing access to world-class photon and neutron facilities.
- ▶ Train new users, support early-stage researchers, and promote technological innovation to keep Europe's research infrastructures at the forefront of science.

Who is NEPHEWS for?

While NEPHEWS is open to scientists from all countries, it places special emphasis on supporting researchers from 8 countries with limited access to advanced facilities.



Estonia

Finland

Greece

Poland

Portugal

Romania

Serbia

Ukraine

By empowering scientists from these countries, NEPHEWS promotes inclusivity and helps build a more balanced European research landscape.

Who is behind NEPHEWS?

NEPHEWS is powered by a strong consortium of leading European research infrastructures and universities, supported by the Horizon Europe programme.

Lern more at:

beamtime.eu

Scan the QR code to
explore the project!



NEPHEWS – Programmes to Support Your Research

NEPHEWS includes three core support programmes aimed at empowering researchers through access, training, and collaboration.

Transnational Access (TNA)

The programme offers access to advanced synchrotron, free-electron lasers and neutron instruments – including travel and accommodation.

Who is it for?

Researchers from academia who want to perform experiments using photon or neutron radiation.

What do you need to do?

Apply for beamtime through one of the participating research facilities. Once your proposal is accepted, get in touch with the host infrastructures to arrange the details of your visit and access.

Twinning Programme

The programme connects novice users with experienced research groups to share knowledge and exchange best practices.

Who is it for?

New or inexperienced researchers who would like to participate in real experiments, gain hands-on experience, and develop practical skills.

What do you need to do?

Register using the form on our website, describe your scientific background and research interests, and we'll match you with a research group conducting experiments aligned with your profile and goals.

Early-Stage Researchers Programme (ESR)

The programme offers one-week internships, training, and mobility to early-stage researchers in photon and neutron science.

Who is it for?

PhD students and postdocs seeking hands-on training, mobility opportunities, and experience with large-scale facilities.

What do you need to do?

Follow our website and wait for the next call to open. Once it does, fill in the registration form and wait to be contacted by our team.



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