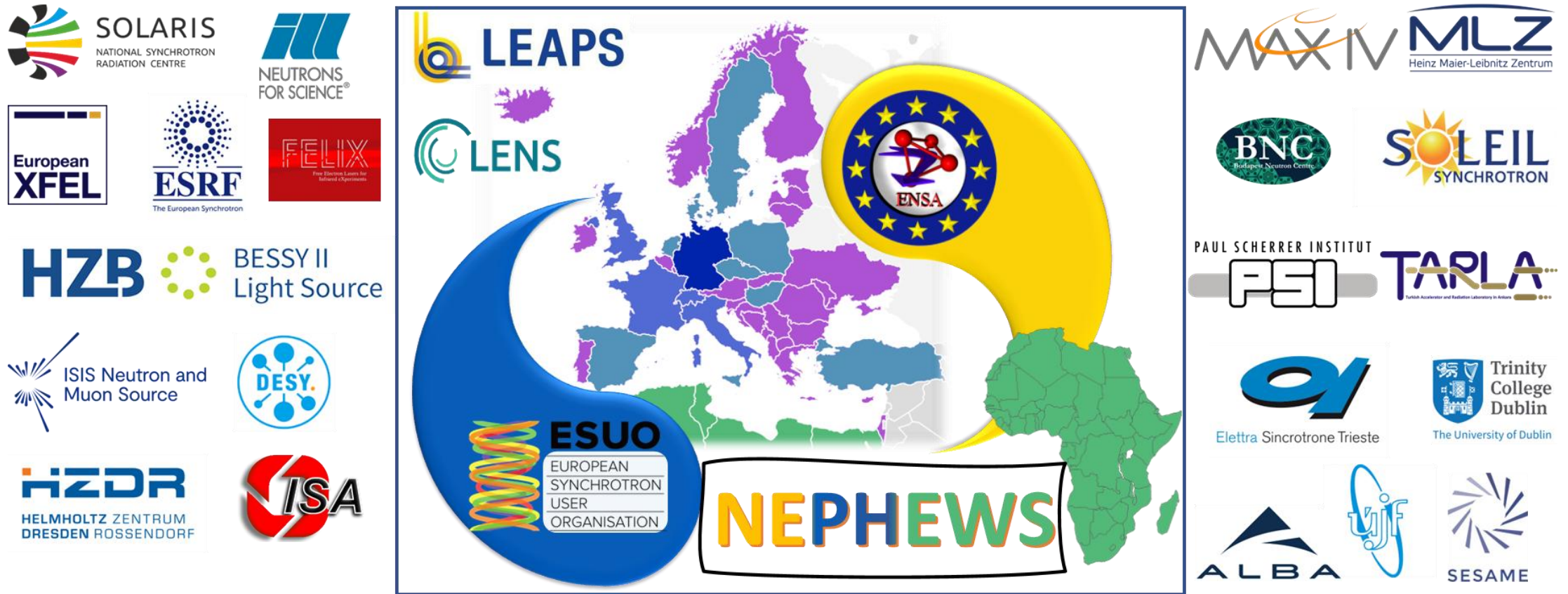


ESUO-Serbia: sekcija ODS

- ESUO – The European Synchrotron and FEL user organization
- <https://www.esuo.eu/> - users from 32 European member states and European associated countries are represented
- <http://uranus.ipb.ac.rs/~esuo-serbia/>
- Horizon Europe call HORIZON-INFRA-2023-SERV-01-03 call on “Research infrastructure services advancing frontier knowledge: co-fund pilots with pan-European RIs and/or national RIs”.



NEPHEWS: Neutrons and Photons Elevating Worldwide Science – and involved cooperation between 21 synchrotron, FEL and neutron research infrastructures, led in this cooperation by the coordinators at the SOLARIS synchrotron.



Prema odluci skupštine ODS, pripremljen je predlog EoI za izbor prvih 8 zemalja koje će dobiti prioritet u učešću u NEPHEWS projektu i dobiti pomoć u ostvarivanju ciljeva

Eligible countries: Albania, Armenia, Austria, Belgium, Bosnia & Herzegovina, Bulgaria, Croatia, Cyprus, Czechia, Estonia, Faroe Islands, Finland, Georgia, Greece, Hungary, Ireland, Kosovo, Latvia, Lithuania, Luxemburg, Malta, Moldova, Montenegro, North Macedonia, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Tunisia, Türkiye, Ukraine

Expression of interest

in participating in the NEPHEWS¹ project

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Targeted countries of nephews

NEPHEWS Targeted countries: Participations in Light source publications (graphic from LINXS)

Estonia	Finland	Greece	Poland	Portugal	Romania	Serbia	Ukraine
Estonia 183	Finland 1086	Greece 478	Poland 1713	Portugal 720	Romania 214	Serbia 145	Ukraine 255



Light sources
109 880

Publications in total from 2012 to 2021

Europe

53%

North America

40%

Asia-Pacific

39%

The Middle East

2,5%

Africa

1,0%

South America

3,6%

United States	40 693
Canada	5 295
Mexico	387
Costa Rica	34
Cuba	34
Puerto Rico	26

Germany	20 359
France	17 123
United Kingdom	14 630
Italy	7 599
Switzerland	6 053
Spain	5 253
Sweden	4 397
Russian Federation	3 387
Netherlands	2 484
Denmark	2 246
Belgium	2 012
Austria	1 817
Poland	1 713
Czech Republic	1 364
Finland	1 086
Norway	1 062
Portugal	720
Slovenia	612
Hungary	485
Greece	478
Ireland	475
Croatia	271
Slovakia	267
Ukraine	255
Romania	214
Estonia	183
Latvia	149
Serbia	145
Bulgaria	105
Luxembourg	74
Lithuania	57
Belarus	52
Moldova	45
Iceland	32
Cyprus	26
Malta	15

South Africa	498
Egypt	285
Tunisia	67
Morocco	63
Algeria	39
Niger	38
Nigeria	37
Senegal	16
Ethiopia	13
Kenya	12
Cameroon	11

Israel	963
Saudi Arabia	765
Turkey	311
Oman	225
Iran	201
Jordan	100
Qatar	87
United Arab Emirates	58
Iraq	49
Lebanon	36
Azerbaijan	29
Armenia	14
Kuwait	11

Japan	15 567
China	10 455
Australia	6 969
South Korea	6 681
Taiwan	4 465
India	2 423
Singapore	976
New Zealand	800
Hong Kong	584
Thailand	351
Pakistan	190
Malaysia	170
Viet Nam	164
Indonesia	114
Philippines	39
Bangladesh	37
Kazakhstan	30
Sri Lanka	30
Macao	21
Georgia	19
Mongolia	15
New Caledonia	13

Histograms show the participations per country in absolute numbers



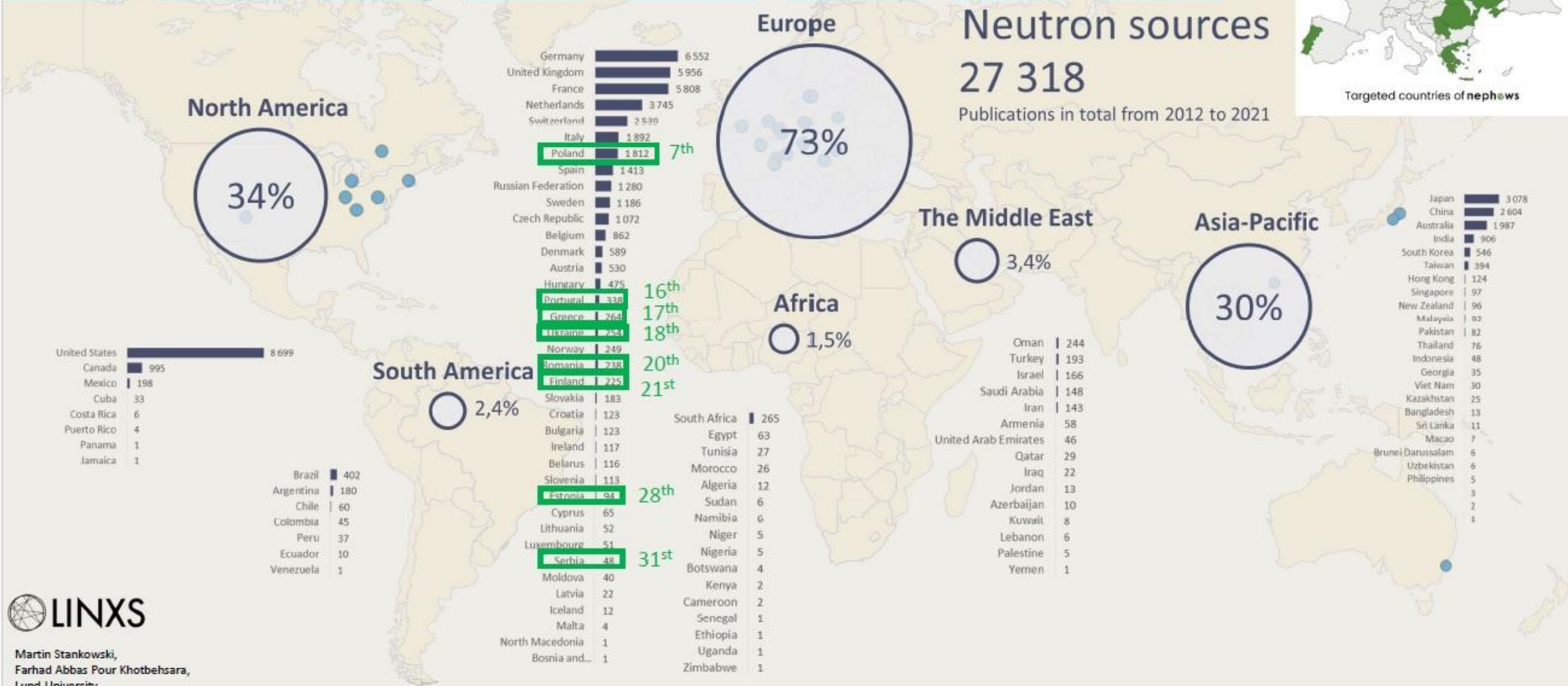
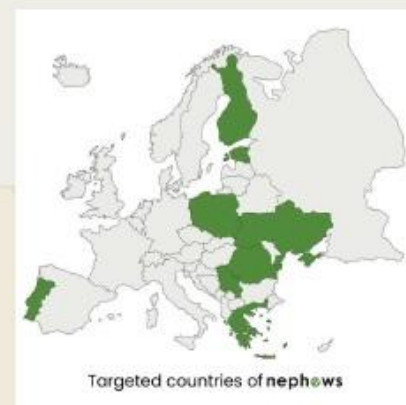
Martin Stankowski,
Farhad Abbas Pour Khotbehsara,
Lund University

By Martin Stankowski and Farhad Abbas Pour Khotbehsara, Lund University, Nov 2023. This work is licensed under CC BY-SA 4.0

Link to original article: <https://tinyurl.com/5gkbrnmh>

NEPHEWS Targeted countries: Participations in Neutron source publications (graphic from LINXS)

Estonia	Finland	Greece	Poland	Portugal	Romania	Serbia	Ukraine
Estonia	Finland	Greece	Poland	Portugal	Romania	Serbia	Ukraine
94	225	264	1812	338	238	48	254



Martin Stankowski,
Farhad Abbas Pour Khotbehsara,
Lund University

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Link to original article: <https://tinyurl.com/56kbnrmh>

NEPHEWS - <https://beamtime.eu/>



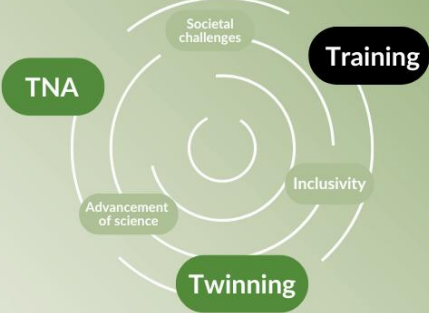
NEPHEWS offers:

- **135 twinning experiments** with expert users (TWINNING Programme)
- **451 user experiments** across European RI facilities (TNA Programme)
- **24 new and non-expert users** receiving in-depth, hands-on expert training (ESR Programme)
- **Access to virtual training events is open to everyone.**
- Presentation of Research Capabilities of SR/FELs and N Facilities and their complementarity Introducing the research potential and synergies between Synchrotron Radiation (SR), Free Electron Lasers (FELs), and Neutron Research Infrastructures (NRI).
- Open Access RI - Providing guidance on access procedures to large-scale RIs and the criteria for developing a successful beamtime proposal.

ECR program



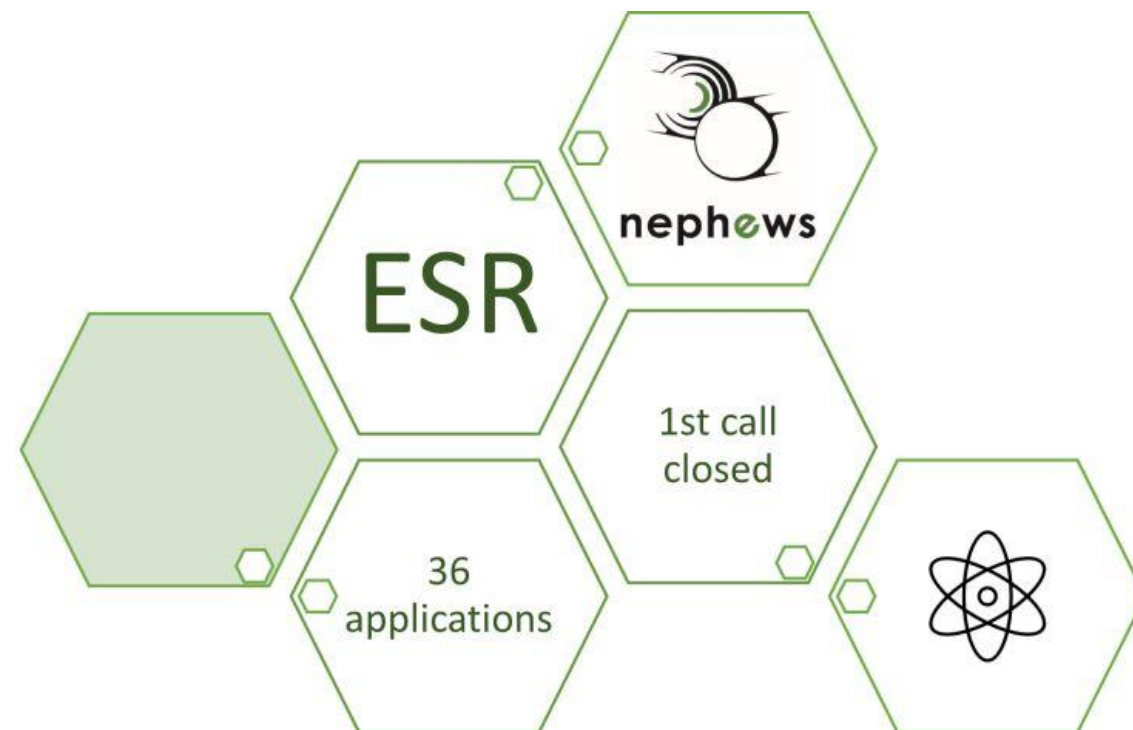
nephews
Neutrons and Photons
Elevating Worldwide Science



nephews ESR programme just opened for applications

Participants accepted into the ESR Programme will get a practical short-term internship at a synchrotron, free electron laser or neutron facilities, gathering knowledge of different research techniques and on their applicability to different research fields, getting first practical experiences and gaining a better understanding of access policy, offer and other aspects of the facilities' activities, such as technology transfer or innovation stimulation through individualized programmes.

Get more information at: www.beamtime.eu



ESUO-Serbia NEPHEWS tim aktivnosti



Promoting Serbian Scientific
Community's Engagement with
Synchrotron and Neutron Sources

PSSN WORKSHOP

17. OCTOBER 2024.

Venue

Vlatacom Institute, 5 Milutina Milankovica Blvd,
Belgrade, Serbia

Mission

The Workshop will bring together leading experts from the large-scale facilities and Serbian researchers in the fields of surface and materials science, solid state physics, AMO physics, nanoscience, and biomedical sciences to advance knowledge transfer on performing state-of-the-art experiments with advanced photon and neutron sources.

Organizers

Dušan K. Božanić, Vinča Institute of Nuclear Sciences
Bratislav Marinković, Institute of Physics Belgrade

http://uranus.ipb.ac.rs/~esuo-serbia/regional_workshop.html

Program

11:45 – 12:00 Piotr Piwowarczyk
SOLARIS National Synchrotron Radiation Center, Poland

12:00 – 12:30 Milan Radović
Paul Scherrer Institute, Switzerland

12:30 – 13:00 Aleksandar Milosavljević
Synchrotron SOLEIL, France

15:00 – 15:30 Emil Božin
Brookhaven National Laboratory, USA

15:30 – 16:00 Jelena Pajović
Faculty of Physics, University of Belgrade, Serbia

16:00 – 16:15 Danijela Danilović
Vinča Institute, University of Belgrade, Serbia

16:15 – 16:30 Biljana Ristić
Institute for Medical Research, University of Belgrade, Serbia

1st Supervisory Board of NEPHEWS
Krakow, 2-4 December 2024, SOLARIS Centre







Co-funded by
the European Union



PLAN: U maju 2025. workshop u okviru proslave 30 god. IPB Centra Solid State Physics and New Materials