

Project information

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	Research Infrastructures – plus	
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Document information

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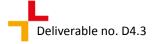


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Workshop description

The workshop was organized on 01.12.2021 as a hybrid event, due to restrictions caused by the COVID-19 pandemic.

The aim of the workshop on the integration of the USSR (Ultimate Source of Synchrotron Radiation) into the European community of advanced light sources was to introduce the 6 GeV synchrotron designed in the Russian Federation to the European LEAPS (League of European Accelerator-based Photon Sources) consortium.

The workshop was conducted on 01.12.2021 and over 80 international participants registered for the virtual meeting, including CREMLINplus project beneficiaries, LEAPS members, researchers from different European Light sources as well as special guests.

The meeting was opened by the Vice President of the Kurchatov Institute, Dr. Alexander Blagov, who briefly described the Russian National Synchrotron-Neutron Programme and the needs of Russia with regards to the accelerator-based photon sources. His speech was followed by Martin Sandhop (DESY), who welcomed all members of the workshop on behalf of the CREMLINplus team.

A brief introduction to the project USSR, the corresponding work package in the CREMLINplus work programme and its context was given by Dr. Nikita Marchenkov (NRC KI). A detailed insight into the progress of beamline selection and suggested CDRs of two beamlines were presented by the work package researchers.

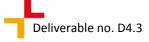
The final presentation was given by the LEAPS Coordination Board Chair, Rafael Abela form the Paul Scherrer Institut, who described the LEAPS consortium model and proposed concrete ways to integrate the USSR into the European scientific landscape. The workshop was wrapped up with an open and fruitful discussion. All presentation slides can be downloaded from the event website on Indico.

The workshop Agenda 01.12.2021, online via Zoom



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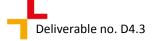


Event webpage:://indico.desy.de/event/32119/

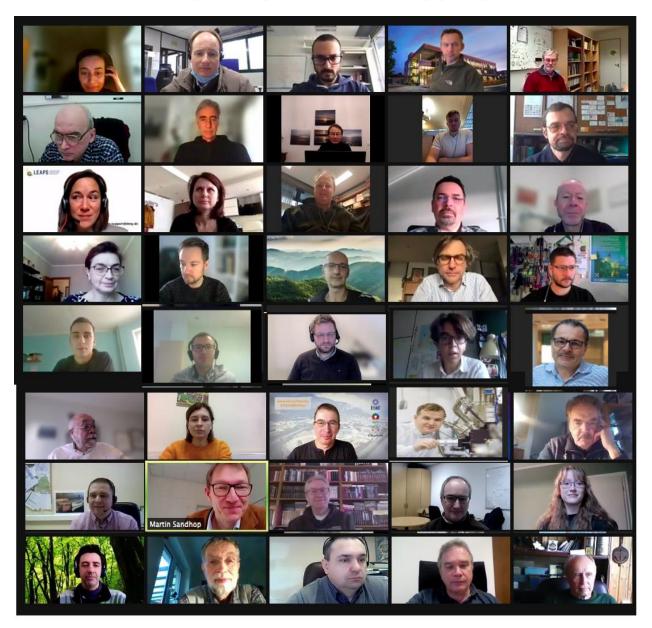
09:00 – 09.10	Welcome Dr. Alexander Blagov (Vice President of theNRC Kurchatov Institute) Dr. Martin Sandhop (Project manager. DESY)
9.10 - 10.10	Session I A general overview of the USSR4 project - Nikita Marchenkov (NRC KI)
	The experimental beamlines for USSR4 (overview, beamlines for first stage, beamlines for second stage) - Roman Senin (responsible person for the experimental facilities for USSR4)
10.10 – 10. 10.30	Coffee Break and group picture
10.30 - 12.00	Section I (continue) Detailed description of 2 beamlines of first stage (15' each)
	Concept of nanodiffraction beamline on a new 4+ generation synchrotron radiation source. Beamline capabilities for solving material science problems Igor Likhachev (NRC KI)
	Prototype Spectroscopy Beamline. Focus on Optical ElementsMelanie Nentwich (DESY)
	XAS beamlineconceptual design. Alexander Trigub(NRC KI)
	Access to USSR4 for the European light source community - Roman Senin (NRC KI)
12.00 - 13.30	Lunch
13.30 - 14.30	Session II LEAPS overview - Rafael Abela (Paul Scherrer Institute Switzerland, 2022 LEAPS Coordination Board Chair)
14.30 - 14.45	Coffee Break
14.45 – 15.30	Session III: Discussion / Wrap up
15.30 - 15.45	End of workshop







CREMLINplus Zoom-photo of some of workshop participants





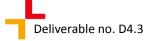


List of the workshop participants









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