

PARTICIPANTS:

DESY, Germany

NRC KI, Russian Federation

NRC KI PNPI, Russian Federation

CERN, Switzerland

BINP, Russian Federation

CEA LIDyL, France

ELI-DC, Belgium

European XFEL, Germany

ESRF, France

ESS ERIC, Sweden

FAIR, Germany

Jülich, Germany

HZG, Germany

IAP RAS, Russian Federation

IC RAS, Russian Federation

ILL, France

JINR, Russian Federation

MAX IV Lab, Sweden

TUM, Germany

CONTACT US:

At the Coordinator DESY:

CREMLIN Project manager
Dr. Martin Sandhop
martin.sandhop@desy.de

Project coordinator
Peter Wibbeling
peter.wibbeling@desy.de

At the National Research Centre "Kurchatov Institute":

Vladimir Kravchuk, PhD
Kravchuk_VL@nrcki.ru

Ekaterina Kolesnikova
Kolesnikova_EA@nrcki.ru

www.cremlin.eu



CREMLIN – CONNECTING RUSSIAN AND EUROPEAN MEASURES FOR LARGE-SCALE INFRASTRUCTURES

Russian Megascience Projects -
Enhance European-Russian Science Cooperation -
Develop Research Policies -
Establish European-Russian Science Policy
Dialogue Platforms



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CONNECTING RUSSIA AND EUROPE

CREMLIN aims at improving and strengthening the relations and networks between European and Russian research infrastructures both at a scientific level and at a research policy level.

The project consortium unites 19 partners representing leading European and Russian research institutes and large-scale research facilities. It brings together 13 large-scale research facilities and institutions in the European Union and 6 megascience labs in Russia.

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CREMLIN will be a pioneering path-finder to identify, build and strengthen scientific cooperation and strong enduring networks between European research infrastructures and the Russian megascience facilities. In view of its expected longterm and systemic structuring effect, CREMLIN has been acknowledged as an important flagship project between the EU and Russia.

OBJECTIVES

CREMLIN will intensify EU-Russian scientific-technical cooperation (STI) in the context of large-scale research infrastructures.

CREMLIN will enhance science cooperation between the six Russian megascience facilities and the European RI counterparts, including e-infrastructure and big data handling.

CREMLIN will develop research policies involving all relevant stakeholders from science and policy with respect to the European Union and the Russian Federation. Within CREMLIN, specific recommendations, foresight studies, strategies and prospects for an enhanced EU-Russia cooperation will be worked out.

CREMLIN will establish an effective exchange platform for sharing findings and results within each respective Russian megascience project, and will stimulate and ensure a process of mutual learning across the various science disciplines and European and Russian communities.

CREMLIN will contribute to exploiting the huge potential of the Russian megascience projects for the EU-Russian cooperation.

CREMLIN will bring in the expertise of the German-Russian strategic platform Ioffe Röntgen Institute IRI.

CREMLIN TARGETS ALL 6 RUSSIAN MEGASCIENCE PROJECTS

CREMLIN has been triggered by the Russian Government's megascience projects initiative, which is actively seeking cooperation and integration opportunities with Europe. The proposed megascience facilities have an enormous potential for the European and international scientific communities and represent a unique opportunity for the EU to engage in a strong collaborative framework with the Russian Federation.



- Powerful Research Reactor **PIK**, NRC KI PNPI, Gatchina
- Ion Collider Facility **NICA**, JINR, Dubna
- Fourth Generation SR Source **SSRS-4**, NRC KI, Moscow
- High Power Laser **XCELS**, IAP RAS, Nizhniy Novgorod
- Lepton Collider **STC**, BINP, Novosibirsk
- Fusion Project **IGNITOR**, NRC KI, Moscow

