



EC Grant Agreement No. 654166  
 Project duration: 01.09.2015-31.08.2018

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## **CREMLIN WP5 Workshop: "Towards a conceptual design for the Russian SSRS-4 facility"**

*Satellite workshop to DESY Photon Science Users' Meeting 2018 & European XFEL Users' Meeting  
 Tuesday, 23 January 2018, 09:00-16:30 CET  
 DESY Hamburg, Notkestrasse 85, 22607 Hamburg  
 CFEL Building (building 99), Ground floor, Seminar room 2*

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### **Objectives:**

*This CREMLIN Workshop is devoted to preparing the joint Russian-European collaboration with regard to the conceptual design for the Russian megascience project "Fourth generation special purpose synchrotron radiation source". It shall bring together representatives, experts, and users from existing European and Russian SR and FEL facilities, partners from within the CREMLIN WP5 (ESRF, MAX IV Laboratory, European XFEL, DESY, NRC KI, IC RAS) as well as from institutions beyond this scope as external experts.*

**WI-FI: Name: UserMeeting2018, Password: iu4ohcohXuHe**

### **Agenda**

09:00	<b>Registration</b>
09:30	<b>Welcome</b> Martin Sandhop, DESY Harald Reichert, ESRF Mikhail Rychev, NRC KI
09:45-11:00	<b>Session I: The machine. Design issues and parameters.</b> <b>Moderator: Harald Reichert</b> <i>Talks ~15min</i>  <i>The SSRS-4 project: The plan for the design</i> Alexander Blagov, NRC KI  <i>A general view on the user community in Russia</i> Roman Senin, NRC KI  <i>The contribution of the ITEP to the SSRS-4</i> Timur Kulevoy, NRC KI ITEP and Alexey Tishchenko, NRC KI ITEP (on Control system)  <i>The contribution of the Budker Institute to the SSRS-4</i> Konstantin Zolotarev, Budker Institute
	<b>Questions &amp; Answers Session I</b>
11:00-11:30	<b>Coffee Break &amp; Group picture</b>

11:30-12:45	<p><b>Session II: The Users.</b>  <b>Moderator: Elena Tereschenko</b>  <i>Talks ~10 min</i></p> <p>Contribution Olga Alekseeva, FSRC “Crystallography and Photonics” RAS</p> <p>Contribution Alexander Soldatov, SFedU Rostov-on-Don</p> <p>Contribution Alexander Goikhman, IKBFU Kaliningrad</p> <p>Contribution Marina Baidakova, Ioffe Institute &amp; ITMO University</p> <p><i>[around 4-5 talks by representatives of Russian Photon science user community]</i></p>
	<b>Questions &amp; Answers Session II</b>
12:45-14:15	<p><b>Lunch</b>  <i>DESY Canteen, building 9</i></p>
14:30-15:30	<p><b>Session III: The European view.</b>  <b>Moderator: Alexander Blagov</b>  <i>Talks: ~10 min</i></p> <p>Harald Reichert: The ESRF view</p> <p>Oliver Seeck: The DESY view</p> <p>Pedro Fernandes: The MAX IV Lab view</p> <p>Serguei Molodtsov: The European XFEL view</p> <p>Martin Sandhop: SSRS-4 and the CREMLIN follow up project</p>
	<b>Questions &amp; Answers Session III</b>
15:30-16:15	<p><b>Open Plenary Discussion.</b>  <b>Moderator: Martin Sandhop</b></p> <p><i>Which is the plan for the future? –  Recommendations for the SSRS-4 collaboration after CREMLIN within the follow up project</i></p>
16:30	<b>End of workshop</b>
18:00-20:00	<p><b>Informal Workshop Buffet Dinner</b>  <i>DESY Bistro, building 9a</i></p>

**Workshop Organisers: ESRF, NRC KI, DESY (WP5)**

**Registration:**

<https://indico.desy.de/confRegistrationFormDisplay.py?confId=18772>

**Link to DESY Photon Science and European XFEL Users’ Meetings:**

[http://photon-science.desy.de/users\\_area/users'\\_meeting/index\\_eng.html](http://photon-science.desy.de/users_area/users'_meeting/index_eng.html)

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Contact at DESY:

Martin Sandhop

+49 40 8998 94172, [martin.sandhop@desy.de](mailto:martin.sandhop@desy.de)

Peter Wibbeling

+49 40 8998 4140, [peter.wibbeling@desy.de](mailto:peter.wibbeling@desy.de)

Contact at NRC KI:

Elena Tereschenko,

[helena.tereschenko@gmail.com](mailto:helena.tereschenko@gmail.com)

How-to-Get to DESY:

[http://www.desy.de/about\\_desy/getting\\_there/hamburg/index\\_eng.html](http://www.desy.de/about_desy/getting_there/hamburg/index_eng.html)