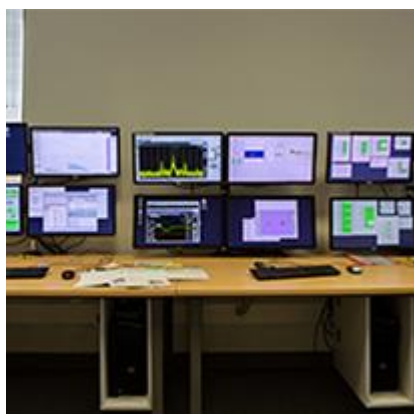


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# SOLARIS SYNCHROTRON

Autumn 2020



## Remote access to beamlines and Cryo-EM

Due to the pandemic situation, we would like to inform, that SOLARIS opens up to the remote measurements for Users who have obtained the beamtime. The possibility and scope of the remote access to measurements depend on the assigned beamline/end-station. Scientists who want to use this form of measurement should always discuss with the beamline or microscope manager the possibility and scope of remote experiment.

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## Cryo-electron microscope for industry - installation in progress

In October we have signed a contract with Labsoft for the delivery of a new cryo-electron microscope. Thermo Scientific™ Glacios™ will be the part of the National CryoEM Centre, which already is the operator of our flagship microscope: Krios™ G3i. The purchase of the second microscope will complement the SOLARIS offer, as it is dedicated primarily for the industrial users and for screening the samples before studying them at the Krios™ G3i.

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## PHELIX beamline is ready to research

Synchrotron light has finally been observed for the first time on a sample at the end station of the experimental beamline PHELIX. This success is the crowning achievement of three years of hard work designing, constructing, fitting, and tuning its components to the synchrotron beam. This line will use soft X-ray radiation.

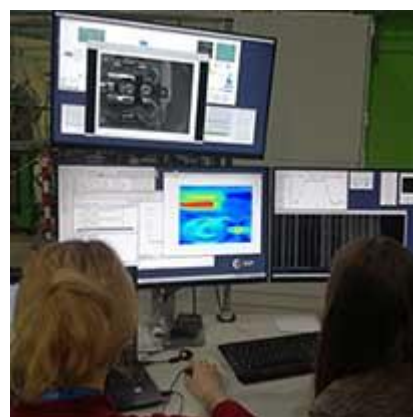
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## Summary of the 6th SOLARIS call for proposals

In the sixth call of proposals scientists from Poland and abroad could apply for beamtime at three synchrotron beamlines, as well as for research time at the cryo-electron microscope. In total, the SOLARIS Centre received 63 applications including 34 for beamlines and 29 for Cryo-EM. The most attractive beamline in this call was the PEEM/XAS, for which we had gained as many as 19 applications. The UARPES has received 9 applications, while the recently commissioned PHELIX line has obtained 6 applications. Currently proposals are evaluating by the International Review Panel.

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