

PSI-FELLOW-III-3i/COFUND – International Fellowship Program for Postdocs at Paul Scherrer Institute



The EU co-financed funding program PSI-FELLOW-III-3i addresses international postdocs and offers these researchers the opportunity to perform their innovative scientific project in one of the four attractive scientific fields tackled at PSI: i) materials and matter, ii) life-sciences, iii) energy and environment and iv) accelerator technologies. The application

has to be made together with a senior scientist at PSI. Please study the application concept and the eligibility criteria carefully: <https://www.psi.ch/psi-fellow/application-concept>; <http://www.psi.ch/psi-fellow/eligibility-criteria>. The call started on September 1, 2020 with deadline on November 30, 2020. Please keep updated: <http://www.psi.ch/psi-fellow/>

EU Access Program for SMEs

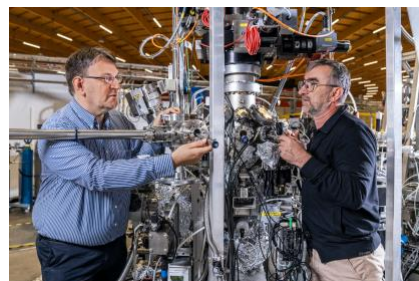


CALIPSOplus (<http://www.calipsoplus.eu/>), a European Horizon 2020 funded research and innovation program, provides access support for SMEs to light sources. The access is based on a specific review system for SMEs in parallel to the established academic access route but following the same principles. Proposal confidentiality is ensured during the whole process. If the proposal is accepted, the SME will have access to the requested light

sources and the experiments will be financially supported through CALIPSOplus. The current call is open from September 1 to December 21, 2020. More information:

<http://www.wayforlight.eu/en/industries/sme-access-proposal/>.

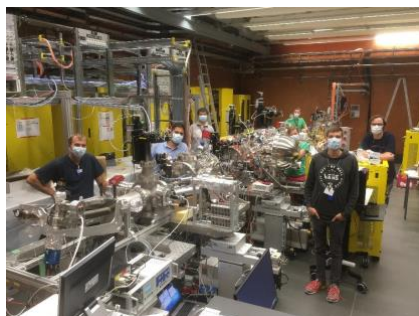
Customising an electronic material



PSI scientists have gained a fundamental understanding of a highly promising material that could be suited to future data storage applications. Their experiments with strontium-iridium oxide, Sr_2IrO_4 , investigated both the magnetic and electronic properties of the material as a thin film. They also analysed how these properties can be systematically controlled by manipulating the films. This study was made possible by sophisticated X-ray scattering, a technology where PSI researchers are amongst the world experts.

Read more: <https://www.psi.ch/en/media/our-research/customising-an-electronic-material>. E. Paris, et. al. *Proceedings of the National Academy of Sciences* 21 September 2020 (online). DOI: [10.1073/pnas.2012043117](https://doi.org/10.1073/pnas.2012043117)

First light in Maloja endstation



The intense soft X-ray pulses from the Athos undulator lines have entered the Maloja endstation for the first time. Already in the following days electron, ion, and photon spectra were measured from single x-ray pulses. The technical, engineering, and scientific staff across divisions worked tirelessly also during the COVID-19 times to reach this milestone. The endstation will now go through commissioning and commence user operations in 2021. The Maloja endstation is supported with a R'equip grant from the Swiss National Science Foundation. More information about SwissFEL and its scientific capabilities can be found at <http://www.psi.ch/swissfel>.