

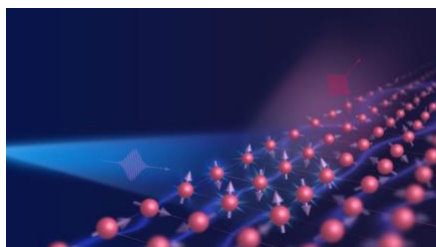
FUNDED ACCESS TO EUROPEAN LIGHT SOURCES FOR SMEs



Your company may gather invaluable information about your product at the micro-scale by using advanced experiments at European infrastructures. Talk to us about your challenge and benefit from the current LEAPS-INNOV project support. LEAPS-INNOV is funding an access programme that is tailor-made for SMEs through a programme called "TamaTA-INNOV", for which SMEs can apply using a very simple form.

Read more: <https://wayforlight.eu/en/industries/>

SPIN KEEPS ELECTRONS IN LINE IN IRON-BASED SUPERCONDUCTOR



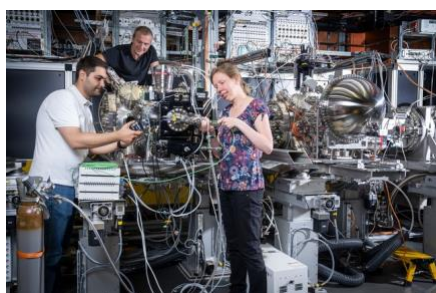
Researchers from PSI's Spectroscopy of Quantum Materials group together with scientists from Beijing Normal University have solved a puzzle at the forefront of research into iron-based superconductors: the origin of FeSe's electronic nematicity. Using Resonant inelastic X-ray scattering (RIXS) at the Swiss Light Source (SLS), they discovered that, surprisingly, this electronic phenomenon is primarily spin driven. Electronic nematicity is believed to be an important ingredient in high-temperature superconductivity, but whether it helps or hinders it is still unknown. Their findings are published in *Nature Physics*.

Read the full story: <https://www.psi.ch/en/science/scientific-highlights/spin-keeps-electrons-in-line-in-iron-based-superconductor>

Xingye Lu et al., Nature Physics (2022)

DOI: [10.1038/s41567-022-01603-1](https://doi.org/10.1038/s41567-022-01603-1)

NEW SWISSFEL SOFT X-RAY ENDSTATION WELCOMES FIRST USERS



Maloja is go. On Wednesday, 23rd March 2022, first user experiments began at the Maloja endstation, which enables explorations into atomic, molecular and optical physics and chemical dynamics. These user experiments mark a double first, not only for Maloja but also for the second, soft X-ray beamline of the SwissFEL, Athos.

"I'm really excited to see the diverse science that future users will turn up with," enthuses Kirsten Schnorr, lead scientist at the Maloja endstation.

Read the full story: <https://www.psi.ch/en/science/scientific-highlights/new-swissfel-soft-x-ray-endstation-welcomes-first-users>

Further information:

SwissFEL | SwissFEL | Paul Scherrer Institut (PSI): <https://www.psi.ch/en/swissfel>

SwissFEL Maloja | SwissFEL Maloja | Paul Scherrer Institut (PSI): <https://www.psi.ch/en/swissfel/maloja>

Homepage – Nanostructures and Ultrafast X-Ray Science | ETH Zurich: <https://nux.ethz.ch/>