

SOLARIS Synchrotron – Possibilities for future collaborations with the industry

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The SOLARIS synchrotron is the most modern and largest multidisciplinary research tool in Poland. Its outstanding capabilities place it firmly at the cutting edge of devices of this type. As a strategic investment for the development of science, it has been included in the Polish Roadmap for Research Infrastructures. It was built near the Krakow Technology Park - special economic zone between 2010 and 2015 and it functions under the auspices of Jagiellonian University.

In SOLARIS Centre, there are two working beamlines (UARPES, PEEM/XAS) which are in commissioning process. Three other beamlines will be built in the next three years. In the future, a dozen of beamlines will operate simultaneously and will be equipped with 20-25 end-stations which will offer measurements using radiation from infrared to X-rays.

SOLARIS is already cooperating in many international projects with CERIC-ERIC, Baltic TRAM, CALIPSOplus, LEAPS and more, and is actively looking for collaborations with the industry on local, national and international level.

The talk will include research possibilities in SOLARIS Centre.