

PhotonMEADOW 2023

Contribution ID: 72

Type: Poster

LEAPS and LEAPS-INNOV - a status report

Established in 2017, LEAPS is the League of European Accelerator-based Photon Sources, a strategic consortium initiated by the Directors of the Synchrotron Radiation and Free Electron Laser (FEL) user facilities in Europe. Its primary goal is to actively and constructively ensure and promote the quality and impact of the fundamental, applied and industrial research carried out at their respective facility to the greater benefit of European science and society.

The LEAPS-INNOV pilot project contributes to solving key technological challenges for the light sources, over 50 facilities in Europe and worldwide. It is kick-starting the implementation of the LEAPS Technology Roadmap and, at the same time, enhances partnership with industry through open innovation by offering joint technological developments and advanced research capabilities for industry as collaborators, suppliers and users.

Six technology work packages (WP) form the heart of LEAPS-INNOV, based on their potential for co-innovation and their ability to enhance European leadership. They integrate 50-some companies, are supported by an industry networking WP and complemented by pilot activities towards co-creation with the Horizon Europe clusters. In the context of open innovation, LEAPS-INNOV focusses on new approaches for partnership between industry and the photon science community, with the goal of accumulating a strategy for long-term industry engagement for LEAPS in Europe.

Journal of Synchrotron Radiation Special Issue: will you submit your contribution?

no

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Session Classification: Poster Session