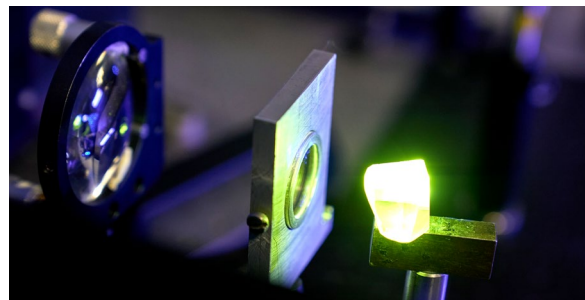
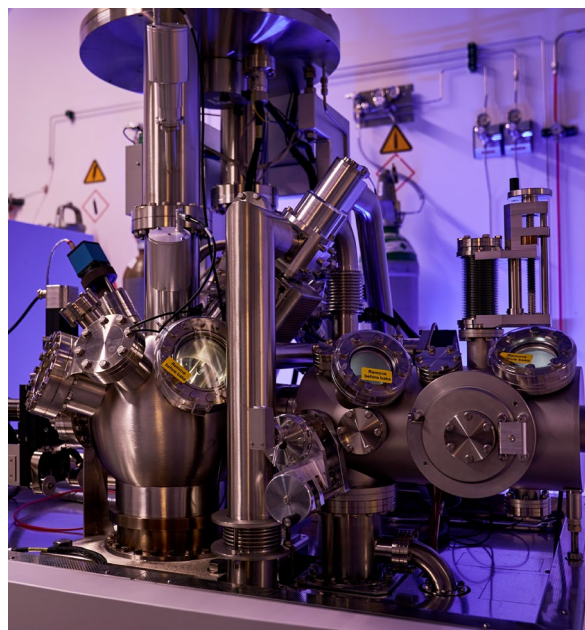


**THE AIM** of this webinar is to give an overview of available facilities, knowledge and experience in spectroscopy related research at ISSP UL as well as examples of ongoing research activities including:

- upconversion luminophors
- scintillators
- persistent phosphors.



**THE OFFER** is aimed at users from academia and industries promoting both service and collaborative research. Because of their extraordinary sensitivity, spectroscopic techniques are well suited for addressing a broad range of problems that usually arise in modern science and applications. The availability of these reliable and robust basic spectroscopic tools and services creates an excellent environment for many technology areas, which require simple or advanced spectroscopic analysis. High-level advanced optical spectroscopy tools help researchers to perform internationally acknowledged work, and in this way provide contact, cooperation and idea-generation opportunities with more advanced institutions in EU and worldwide.



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**ISSP UL** (Institute of Solid State Physics, University of Latvia) is an internationally recognized leader in materials science and cross-disciplinary topics, conducting competitive research, educating students and offering innovative solutions for industrial needs. It is located in 10 000 m<sup>2</sup> office and laboratory building with modern infrastructure for the synthesis and analysis of various types of materials and certified 650 m<sup>2</sup> ISO class 4 - 8 cleanroom space for dust-free experiments. The work is organized in the form of Open Labs, available to all researchers, industry and students trained to work with the equipment or by applying research projects where the Institute's scientists carry out the work. In order to promote export of scientific services in the area of innovative materials based technologies and cooperation with the industry special platform [Materize](https://www.cfi.lu.lv/en/) is created. [www.cfi.lu.lv/en/](https://www.cfi.lu.lv/en/)