

NEWSLETTER



WHITE AND CALM WINTER GREETINGS!



The SWEB team wishes all of you a peaceful Christmas season and a new year filled with inspiration, good health, and new ideas that continue to move our vision forward!

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The SWEB team in 2025



Dr. habil. phys. Juris Purāns

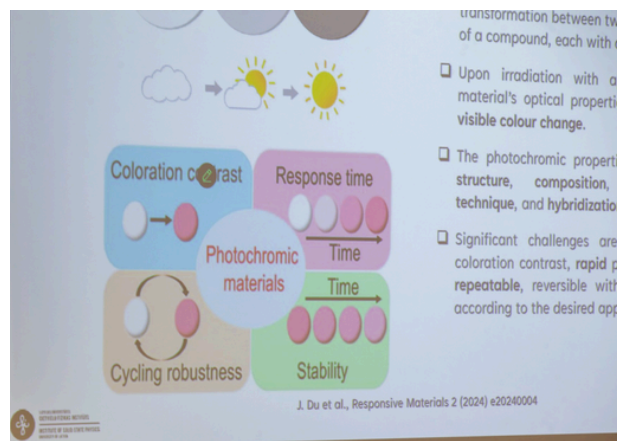
Head of the Thin Films Laboratory at the ISSP UL

We successfully delivered all scheduled milestones and expanded our contribution to international research through invited lectures, conference participation and outreach activities. The acceptance of our first article in Communications Materials stands out as a highlight, confirming the scientific potential that the project has nurtured. At the same time, our engagement with schools, young researchers and industry partners helped to strengthen the connection between our laboratory and the wider community.

These achievements were made possible through the dedication of colleagues, the trust of our partners and the continued support from the broader SWEB network. As the year comes to a close, I would like to express sincere gratitude to everyone who contributed to this shared effort. I wish all of you a peaceful Christmas season and a new year filled with inspiration, good health and new ideas that continue to move our vision forward.

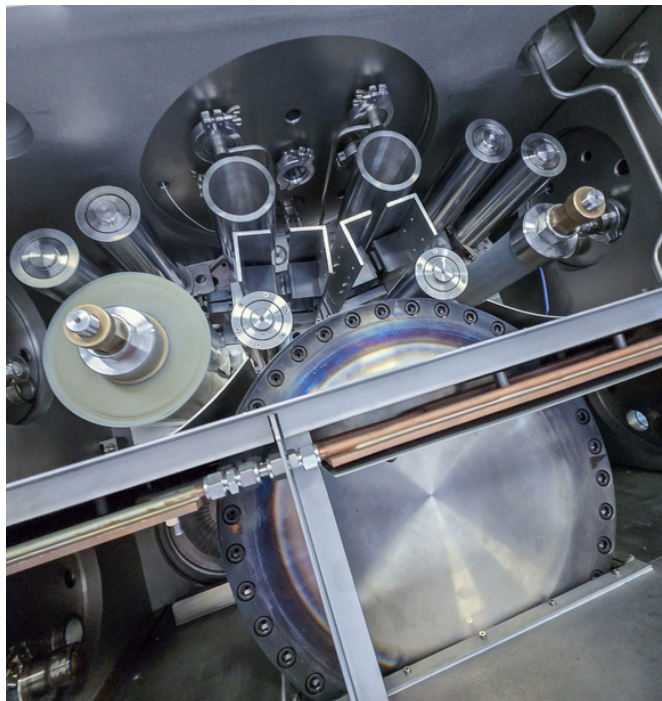
2025 – a period of thoughtful progress for the SWEB team

This year has been a period of thoughtful progress for the SWEB team, as we continued to strengthen our scientific capacity and broaden the network that supports our long-term vision for advanced chromogenic materials and smart windows. The work carried out across the project reflects a steady rise in competence and visibility. Our research groups matured, new collaborations were formed, and learning and development activities provided meaningful benefits to both senior and early-career researchers.



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The SWEB team plans for 2026



2026 is opening a new stage in the development of the SWEB project!

The coming year will open a new stage in the development of the SWEB project, with a strong focus on researcher mobility, scientific excellence, and deeper integration within the European and global research landscape. One of the central activities will be the organisation of three Short Term Scientific Visits that will bring our young researchers to CNRS, Fraunhofer, and Uppsala University. These visits will allow them to work alongside established teams, gain practical experience with complementary techniques, and strengthen international ties that are essential for the long-term sustainability of the Thin Film Laboratory.

We will continue contributing to the regional scientific community by co-organising the FMNT conference and by hosting the Summer School of Functional Coatings. Both events will create opportunities for early-career researchers to engage with leading experts and to explore new approaches across materials science and thin film technologies. Our scientific output will remain a priority, and with several manuscripts already in preparation, we anticipate a further increase in high-quality publications that reflect the growing maturity of the research groups established within SWEB.

Next year will also bring renewed emphasis on communication with society. We will continue participating in the Researchers Night and expand our outreach activities in schools to introduce young audiences to the world of smart materials and energy-efficient technologies. Our collaboration with industry will deepen through ongoing ERDF projects and through the Roll to Roll deposition services that were launched this year, creating new opportunities for applied research and technology transfer.

The SWEB laboratory will keep welcoming recognised international experts whose seminars and workshops enrich our learning environment and support continuous knowledge exchange. At the same time, we will concentrate on preparing strong project applications within Horizon Europe, particularly in clusters that address advanced materials, sustainable energy solutions, and climate-neutral technologies. Several consortia are already being shaped for RIA and IA calls, and our work on the coordination of Twinning proposals will continue in areas such as additive manufacturing, which has become an important complementary direction for the laboratory.