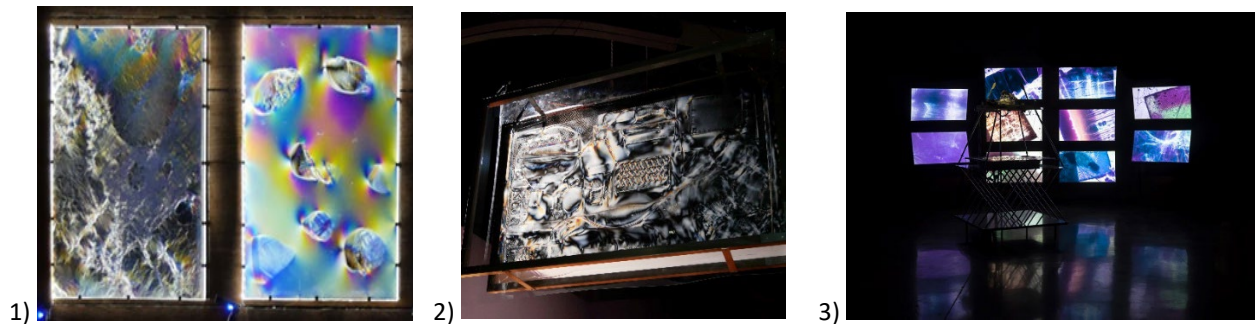


"Light Interference Expo" – April 2024 – SPIE Photonics Europe, Strasbourg

Art-Science Photonics Exhibition Monday 8 April from 10:00 to Wednesday 10 April 17:00

Following the success of "Light Culture" at SPIE Photonics Europe in 2018, in which we looked back at holography and the history of 3D imaging, and "Light Work/s" in 2022 exploring the frontier between art and science in the field of light, imaging and photonics. This year's "Light Interference" looks at the different ways in which light can "interfere" with matter, a central theme of SPIE Photonics Europe.

The exhibition will mainly be based on the works of the French artist, **Lucien Bitaux** who has been commissioned to present his work in this field, together with a series of photos on the theme of interference and a "montage" of video clips of research carried out using interference in the ICube Laboratory in Strasbourg.



Lucien Bitaux is a young artist who seeks ways of capturing and showing reality, with photography, optical capture and light projection being his favorite mediums. Graduated from ENSAD (Paris), he has recently begun a doctoral thesis in artistic creation.

In "Light Interference", he presents three of his major works:

- 1) "**Phenomenological images**" - a series of photographs engraved on plastic surfaces set in resonance, resulting in colors that move with the observer. © Lucien Bitaux
- 2) "**Resonances**" - a large plastic print of organic materials. © Lucien Bitaux
- 3) "**Nadir - Picture Elements Explorer**" - a complete installation of working machine, camera targets and wall of LCD screens. © Lucien Bitaux

In parallel, there will be information boards associated with the different works of art discussing the related artistic and scientific aspects. "Light Interference" brings together art and research and raises fundamental questions of how we understand physical phenomena and how they can be used to tackle some of today's challenges in society.

To open the exhibition, there will be an official "vernissage" during the conference reception on Monday evening. The exhibition will be on show throughout the Strasbourg Convention Centre and will also be open to high school classes.

The exhibition is organized by Christine Montgomery in collaboration with ICube and SPIE.