

## Constructive Interference of Art and Science

*Wednesday 24 May 2023 16:15 (15 minutes)*

Interference is an art and science project which uses light and sound installations to communicate abstract and complex wave phenomena in physics and astronomy to the general public. The project outcome was an exhibition that combined art and science to explore how our emotional and sensory impressions from light and sound interfere with scientific understanding and practice. The installations communicated physics and astronomy to a broad and diverse audience by using intuitive parallels between light and sound. The installations were on the topics of the electromagnetic spectrum, emission and absorption of light by atoms, spectroscopy, optics, dark matter, black holes, and the evolution of the Universe. The project was executed in collaboration with electro-acoustic composer and installation artist Signe Heinfelt. Interference consists of eight light and sound installations that were exhibited in Nikolaj Kunsthal from 10th of February to 7th of May. The exhibition was widely acclaimed for creating an equal exploratory space for art and science.

**Presenter:** VERWOHLT, Jo