

Modifying material properties by laser writing

This project deals with modifying material properties by laser writing. You will be part of a research team and participate in a larger research project. Your task will be to characterize how the energy dose delivered by the laser influences material properties.

The project includes characterization of the laser dose, programming a translation stage, and analysis of how the dose changes the crystallographic structure of the starting material. You will be closely working with a group of PhD students and researchers.

The results of this project will be used to develop the next generation of entangled photon sources for quantum technologies.