

PhD positions in the fields of
Nanophotonics (Plasmonics, Enhanced Spectroscopies)
and DNA Nanotechnology

Our research

We are an interdisciplinary group interested in developing techniques to control and manipulate light at the nanoscale. We focus on the fabrication and characterization of optical nano-antennas using biomolecular self-assembly, exploiting the DNA origami technique. We envision a wide variety of applications ranging from optical communication, light-matter interactions at the strong coupling regime, novel super-resolution techniques and bio-sensing.

Your profile

- You hold a Masters degree in Physics, Chemistry, or Material Science

We offer

- 3 to 4 year contract
- Extremely competitive salary (see snf.ch for further details)

Interested?

Send your application including cover letter, CV and certificates (one compressed file < 10 MB)
to:

guillermo.acuna@unifr.ch