

The University of Bern is the third largest university in Switzerland and is ranked 105 in The World University Rankings 2018.

The Group of Prof. Robert Häner is looking for a **PhD student in Chemistry** to conduct research in the field of **organic molecular (opto)electronics**. The candidate will be involved in the NCCR MUST project where charge transfer dynamics of donor-acceptor systems will be investigated. Moreover, suitably functionalized π -conjugated molecules will be prepared for the self-assembly and chemical reactions.

Your tasks

- Design, synthesis and characterization of tailor-made molecules
- Publication of results in scientific journals and at international conferences
- Assistance in practical courses of chemistry and biochemistry students

Your profile

- Master in chemistry and/or materials sciences
- Rich skills and expertise in organic synthesis
- In-depth knowledge of a variety of characterization and analytical techniques including cyclic voltammetry, UV-vis absorption and emission spectroscopic measurements, NMR and MS
- Good knowledge of English

We offer a challenging position in an organic/materials chemistry group with outstanding infrastructure and an interdisciplinary surrounding. The position is available upon agreement.

Please send your application including a CV and names and addresses of two references to Dr. Shi-Xia Liu (liu@dcb.unibe.ch).