

Within an **ETH Pioneer Fellowship** we are combining material-process technology capability with existing foaming lines for producing recyclable bio-based foamed materials applicable across industries. Our focus is on bio-based elastic alternatives to plastic foams. The goal is to engineer the best polymer building block as starting material for the technology and establish overarching reaction chemistry.

Student internship Foaming of bio-based materials

3-6 months

We are looking for a motivated engineering science student interested in interdisciplinary research with focus on foaming of bio-based materials in an entrepreneurial environment. For the internship, the student will be expected to (a) perform laboratory experiments and subsequent pilot plant trials (high-pressure technology, extrusion), (b) produce and characterize foam samples, (c) interpret data. On the long term, the candidate will have the opportunity to be grow towards **process/production manager**. Compensation will be determined based on the candidates background:

please apply to:

Zuzana Sediva

zuzana.sediva@hest.ethz.ch

1500-2500 CHF/month.

Chemical or mechanical engineer preferable.

Earliest start: Summer 2020 (for 3 to 6 months)