

## Soft Materials Under Large Deformation

With the support of the research network "[SLAMM](#)", we are delighted to organize a 1-day online workshop entitled "Large deformations". This interdisciplinary event aims to discuss soft materials, from colloidal gels to polymer solutions, under large deformations emphasizing applications in food science and process engineering. The workshop will cover a broad range of topics, including extensional flows of viscoelastic liquids, tribological performance of polymer networks, brittle failure of polymer gels, and ductile yielding of soft glasses. More generally, we are looking forward to contributions that showcase large deformations in industrial processing, material characterization, oral and digestive processes, and fundamental approaches to understanding these phenomena or innovative methods to study them.

This workshop will take place on **Friday, June 18<sup>th</sup> 2021**, and will be structured around two keynote lectures from [Pr. Anwesh Sarkar](#) (School of Food Science and Nutrition, University of Leeds, UK) and [Pr. Jan Vermant](#) (Department of Materials, ETH Zürich, Switzerland). Looking forward to seeing you there!



**FREE Online Registration before May 12<sup>th</sup> at the following URL:**  
<https://framaforms.org/slamm-large-deformation-workshop-1617875560>

**Organizing committee:** [Mathieu Leocmach](#) (ILM, CNRS)  
[Thibaut Divoux](#) (Physics Lab @ENS Lyon, CNRS)