



Showcasing research from the groups of Janine Erler (University of Copenhagen), Ralf Metzler (University of Potsdam), Lene Oddershede (University of Copenhagen), Christine Selhuber-Unkel (University of Heidelberg) and Matthias Weiss (University of Bayreuth).

Extracting, quantifying, and comparing dynamical and biomechanical properties of living matter through single particle tracking

This Perspective article describes soft and living matter from a physical stance, highlighting experimental and theoretical techniques relevant for the investigation of forces, materials properties, transport and emergent organisation phenomena. The Perspective addresses scientists in physics and chemistry but is also meant to serve as a starting point for researchers in the life sciences interested in the implementation of biophysical methods.

As featured in:



See Ralf Metzler,
Lene B. Oddershede *et al.*,
Phys. Chem. Chem. Phys.,
2023, 25, 1513.