

Micro- and Nanomechanics



In the **Department of Materials Science** we aim for a fundamental understanding of the mechanisms governing functional and structural properties of smart materials. We combine innovative material synthesis and modification methods with state-of-the-art micro- and nanomechanical characterization to design future responsive materials.



Daniel

Kiener

Verena





Michael

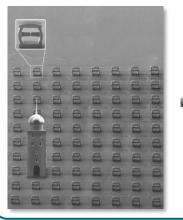
Burtscher

Rostislav Markus Maier-Kiener **Daniel** Alfreider

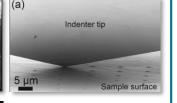
In situ & operando characterization of advanced materials



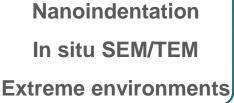
Two-photon lithography











Correlative and AI enhanced data analysis

