## **Computational Materials Science**



Activities related to Computational Materials Science span over many length-scales (from Angströms to meters) and employ methods from quantum mechanics, over molecular and mesoscale modelling to continuum methods such as computational micro-mechanics and fracture mechanics. We use machine-learning (ML) and data-driven approaches employing high-performance supercomputers located around the globe.







Lorenz Romaner

David Holec



## Fracture mechanics



## Electronic structure and bonding

💑 EEIGM





