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in Deformation & Fracture Processes / Tribology / Interface in Metals & Ceramics

supervised by
Prof. Peter Gumbsch (Karlsruhe Institute of Technology)

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His research activities focus on modeling and simulation of materials, in particular multiscale modelling approaches. His activities cover atomistic simulation, mesoscopic modeling as well as macroscopic materials descriptions. Central research topics are deformation and fracture processes as well as interface properties in metals and ceramics. He has recently started new activities in the area of tribology.

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