

Brief Biosketch of Lars Pastewka

Lars Pastewka is Professor for Simulation in the Department of Microsystems Engineering at the University of Freiburg. He uses computer simulations at atomic and mesoscopic scales to study mechanical processes. He is particularly interested in unraveling the fundamental mechanisms underlying contact, adhesion and friction. Prof. Pastewka received his PhD in Physics from the University of Freiburg for research carried out at Fraunhofer IWM. He held a postdoctoral position at Johns Hopkins University and headed a junior research group at the Karlsruhe Institute of Technology before joining the University of Freiburg as faculty in 2017. Prof. Pastewka has held Fulbright and Marie Skłodowska-Curie fellowships. He is the recipient of an Emmy-Noether award of the Deutsche Forschungsgemeinschaft and a Starting Grant of the European Research Council.