

Dr. Natalia Konchakova is a senior scientist at Helmholtz-Zentrum Geesthacht, Germany. She works in the fields of materials modelling, simulation and characterization of lightweight metals, computation analysis of mechanically induced corrosion, and investigation of Magnesium based materials for bio- and structural industrial applications.

Natalia is an active member of the European Materials Modelling Council (EMMC). She is the Chair of the EMMC Organisational Assembly.

Dr. Konchakova is the coordinator of the H2020 project VIPCOAT: ‘Virtual Open Innovation Platform for Active Protective Coatings Guided by Modelling and Optimization’ (DT-NMBP-11-2020). The aim of the project is to assist engineers in coating manufacturing in developing novel environmentally friendly coating materials and to advice accelerated test scenarios for their durability based on standardized simulation workflows. VIPCOAT is primarily target the aeronautic industry.