Marco Salvalaglio studied physics and obtained his Ph.D. in materials science at the University of Milano-Bicocca in 2016. The same year, he joined TU Dresden with a two-year Alexander von Humboldt fellowship, also in collaboration with Leibnitz Institute IHP-Microelectronics, Frankfurt (Oder). He has been a Visiting Junior Fellow at the Hong Kong Institute of Advanced Studies in 2019. In 2020, he received the DFG Emmy Noether Programme Grant and the Italian Habilitation (ASN, II-level, FIS03). He has been leading the Mesoscale Material Modeling and Simulation group at TU-Dresden since 2021 and has been admitted to the Young Academy of Europe in 2023. His research is highly interdisciplinary. He works on material properties and evolution at different scales, focusing on crystalline systems and thin films, defects and grain boundaries, interfaces, pattern formation, and data-driven design of materials with state-of-the-art computational approaches. Among international awards and recognitions, he has been nominated as a Model. Sim. Mater. Sci. Eng. Emerging Leader (2023) by the editorial board of the homonymous journal and is the awardee of the prestigious Richard-von-Mises prize (2024) of the International Association of Applied Mathematics and Mechanics (GAMM).