

Giacomo Po

Giacomo Po is an Assistant Professor in the Mechanical and Aerospace Engineering Department at the University of Miami. He received his Ph.D. in Mechanical Engineering from the University of California Los Angeles (UCLA) in 2011, under the supervision of Prof. Nasr Ghoniem. His research interests focus on the continuum mechanics of materials defects in metals and ceramics, with emphasis on discrete and continuum modeling of dislocation-based plasticity and fracture. Giacomo is the main developer of the Mechanics of Defects Evolution Library (MoDELlib), an open-source Discrete Dislocation Dynamics code coupled to Finite Elements. He published more than fifty peer-reviewed articles on the subject of dislocation mechanics with applications to severe environments and irradiated materials.

