

Jaime Marian

Jaime Marian is an Associate Professor in the Departments of Materials Science and Engineering and Mechanical and Aerospace Engineering at the University of California Los Angeles (UCLA). His main research focus is the computational modeling of the mechanics and thermodynamics of advanced materials for energy. He spent nine years at Lawrence Livermore National Laboratory as a staff scientist developing methods to predict materials behavior under extreme irradiation, loading, and temperature conditions. Prof Marian is a recipient of DOE's Early Career Research Award and has published over 100 peer-reviewed articles in the fields of nuclear materials, plasticity, simulation algorithm development, and fusion energy. He received a PhD in Nuclear Engineering and Materials Science from the Polytechnic University of Madrid, Spain, and was a Postdoctoral Scholar at the California Institute of Technology, where he worked on spall failure in metals using computational mechanics.

