



Short CV

Dr. Marco Maurizi is Principal Investigator and Director of the Advanced Materials & Engineering Design (AMED) Lab at the Italian Institute of Artificial Intelligence (AI4I) in Turin. Before joining AI4I, he was a Postdoctoral Researcher at UC Berkeley, where he co-led AI-driven metamaterials design in Prof. Xiaoyu (Rayne) Zheng's group under the NSF-DMREF programme. He received his Ph.D. in Mechanical Engineering with merit from NTNU. His research combines artificial intelligence, computational mechanics and materials engineering to develop physics-aware generative models and AI physics engines for the design and scale-up of advanced materials and engineering systems. He also serves as a reviewer and Guest Editor for journals such as *Nature Communications*, *npj Metamaterials*, *Nature Machine Intelligence*, and *Nature Computational Science*.