

## SHORT BIO:

**Marino Lavorgna**, PhD, Research Director at the Institute of Polymers, Composites and Biomaterials of the National Research Council (IPCB-CNR), obtained his PhD in Polymer Engineering from Loughborough University in 2009. He has held positions as visiting associate professor there (2003-2004), as visiting researcher at Sichuan University (2009-2019), and as visiting professor at MackGraph (Sept-Oct 2023).

He manages the Secondary Working Unit of IPCB-CNR in Lecco. His research primarily focuses on: a) developing multifunctional hybrid/polymer nanocomposite materials with carbonaceous and inorganic fillers; b) creating multifunctional coatings and porous composites; and c) advanced characterisation of polymer nanocomposites using Small Angle X-ray Scattering analysis.

He has published over 250 papers (H-Index 45 Scopus, 51 Google Scholar), seven book chapters, numerous contributions to indexed proceedings, and several patents, including one that has been licensed to a company. He has been a member of the Scientific Board for the Department of Chemical Science and Materials Technology at CNR.

Lavorgna has delivered several invited keynote lectures at international events. He has led scientific initiatives for bilateral projects (CNR-CAS (China), CNR-AVCR (Czech Republic)) and European projects (GreenArt, Nanorestart, Apache, Innovaconcrete) alongside national projects. He currently manages the infrastructure project iEntrance for IPCB.

He oversees the Joint Lab with Sichuan University, focusing on nanocomposites with graphene-related materials. He co-founded the spin-off company Hycucem srl to innovate composite materials for building applications and has supervised many PhD and master's students from Italy, China, and Brazil.

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