



## ANTONIO GLORIA



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**Research areas:** Design and Methods of Industrial Engineering, Mechanical Engineering, Mechanics of Materials, Materials Science and Engineering, Biomimetics and Bioinspiration, Instrumentation and Measurement, Biomechanics, Tissue Engineering and Regenerative Medicine.

**Research keywords:** Design for Additive Manufacturing, Topology and Topography Optimization, Generative Design, Reverse Engineering, CAD, Finite Element Analysis, Mechanical and Thermal Measurements, Mechanical Analysis, 3D Printing, Robotic Additive Manufacturing, Materials Properties, Design of Smart and Novel Materials and Structures, Development of Sustainable and Lightweight Products, Advanced Prostheses, 3D Scaffolds for Tissue Engineering.

**h-index:** 54 (Scopus@ Aug 2025)

**Citations:** 6444 total citations @ Aug 2025 (source Scopus)

Antonio Gloria is Professor of Design and Methods of Industrial Engineering at the University of Naples Federico II. He is also professor of “Bio-Inspired Generative Design for Additive Manufacturing” and co-Head of the Research Innovation Center of Regenerative Engineering and Additive Manufacturing - RICREAMI.

He was a Senior Researcher at the National Research Council of Italy (CNR) (Institute of Polymers, Composites and Biomaterials – IPCB), and he is currently Associate Member/Researcher of the CNR-IPCB. Antonio Gloria is Associate Member and Visiting Professor of the CDRSP - Polytechnic Institute of Leiria, Portugal, as well as International Collaborator of the Singapore Centre for 3D Printing (SC3DP) - Nanyang Technological University (NTU), Singapore. He was and is involved in national and international projects. He also received international awards. He was awarded and appointed as “Future Leader” in Science and Technology (“Dialogue between Nobel Laureates and Future Leaders”, STS forum – October 2015, Kyoto, Japan). He is currently author of international papers, book chapters, communications/contributions in international and national conferences.