

Curriculum vitae of Antonio Paesano

Antonio Paesano, PhD is currently Additive Manufacturing (AM) Lead at The Boeing Company. He earned a M.S. in Mechanical Engineering and Ph.D. in Materials Engineering from the University of Naples Federico II (Italy), and M.S. in Polymer Science from the University of Ferrara (Italy). He is a certified Six Sigma Green Belt, and a trained Black Belt.

His work experience encompasses AM, engineering polymers, composite and advanced engineering materials, design, advanced manufacturing, testing and analysis, correlation material properties-process parameters-product performance, product development, metrology, applied statistics, and quality improvement. He holds seven patents, authored and co-authored more than 50 technical papers and two book chapters in his areas of expertise. He has been the scientific chair of symposia on AM, sustainable polymers, and innovation in aerospace.

He has been an invited speaker in AM at conferences and workshops. His paper on sustainable polymers for AM received the 2017 SAMPE/CAMX Award for "outstanding technical paper". He also received the 2018 Knowledge Management Award by the Boeing Technical Journal for his co-authored paper on fatigue testing and analysis, and the 2020 Boeing Innovation Award for improved processing of composite materials.

Throughout his career, he has identified, accelerated, and integrated innovation in products from transportation to construction, marine, sports, military, and aerospace. Prior to joining Boeing, he held positions in engineering, R&D, and management at Magnaghi Aeronautica SpA, Italian National Research Council, FIAT Research Center, University of Delaware, and The Dow Chemical Company. He has also served as mentor, advisor, consultant, instructor to companies, academia, and government, and as adjunct faculty in Italy and US.

He authored the **Handbook of Sustainable Polymers for Additive Manufacturing**, published by CRC Press in 2022.