

Antonio De Simone is professor of Scienza delle Costruzioni (Mechanics of Solids and Structures) at The BioRobotic Institute of Scuola Superiore Sant'Anna (Pisa) and at SISSA-International School for Advanced Studies (Trieste) within the laboratory for Applied Mathematics "MathLab" that he founded in 2010.

His research interests are on the mechanics and multi-physics of advanced materials, of soft and biological matter, on morphing and shape-control, and on mechanobiology (in particular: biological and bio-inspired motility).

On these topics he has published extensively and across disciplinary boundaries, contributing to specialist journals covering a broad range of disciplines from mathematics to biophysics to engineering. He is a EUROMECH Fellow since 2015.