

## **CV Antonio DeSimone**

Antonio DeSimone is professor of Mechanics of Materials and Structures at The BioRobotics Institute of Scuola Superiore Sant'Anna (Pisa, Italy). He received a master degree in Civil Engineering at University of Naples "Federico II", and a PhD in Mechanics at the University of Minnesota. He has worked at the University of Rome Tor Vergata, at the Max Planck Institute for Mathematics in the Sciences (Leipzig, Germany), and at the International School for Advanced Studies (SISSA, Trieste, Italy). His research interests include the modeling of the motility of biological organisms and bio-inspired robots, and the mechanics of innovative materials (liquid crystal elastomers, active matter, ...) and structures (deployable structures, soft robotics, ...). On these topics, he has published more than 170 papers. He is a Euromech Fellow since 2015, a corresponding member of Accademia Pontaniana in Naples and of the Istituto Veneto di Scienze, Lettere e Arti in Venice. His awards include the Keith medal of the Royal Society of Edinburgh (2007), an Advanced Grant from the European Research Council (2013), a Humboldt Research Prize (2019) from the Alexander von Humboldt Foundation.