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UNIVERSITÀ DEGLI STUDI DI
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Dipartimento di
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Andrea Spaggiari is an associate Professor in Mechanical Design. Graduated with honor in 2006, since 2011 he worked as researcher fellow at the University of Modena and Reggio Emilia, Italy. He holds three academic courses in Mechatronics Engineering degree and Management Engineering degree.

Research interests:

- mechanical behaviour of structural adhesives and their efficient numerical modelling
- magneto-mechanical modelling of magneto-rheological fluids and elastomers, including fundamental research and industrial applications
- design of smart and efficient actuators based on shape memory alloys and their thermo-mechanical modelling
- the study and the applications of auxetic metamaterials considering structural and fatigue aspects

Author of more than 75 scientific papers in international scientific journals and principal investigator in several industrial collaboration with biomedical and automotive international partners.

Scopus metrics (12/07/2022)

Scientific documents: 77

Total citations: 737 by 577 documents

H-index: 17

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