

# **Dr Antonio Fratini**

**Senior Lecturer, Mechanical, Biomedical & Design Engineering at Aston University**  
Birmingham, , GB

Dr Fratini's research is focussed on understanding how biomedical engineering can help to improve quality of life and clinical outcomes.

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## **Biography**

Dr Fratini is a Biomedical Engineer with strong interests in the areas of medical biomedical data processing (imaging, segmentation, modelling), and instrumentation (biosensing and diagnostics). His work has contributed to the design and development of cutting-edge medical devices and improvement of current medical treatments. His research has contributed to the outputs of leading national and international academic institutions and small-to-medium enterprises (SME).

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## **Areas of Expertise**

Biomedical Engineering, Medical Instrumentation, Physiological Data Processing, Proprioceptive Stimulation, Wearable Medical Devices

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## **Affiliations**

Leader of the Biomedical Engineering Programmes, Member of the AUEA Board of Directors

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## **Education**

**Aston University**  
PGcPP Higher Education

**Università degli Studi di Napoli Federico II**  
PhD

**Università degli Studi di Napoli Federico II**  
Hons Electronic Engineering

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