

## Ivano Benedetti

Department of Engineering, University of Palermo, Italy

### Short Bio

Dr. **Ivano Benedetti** is currently **Associate Professor of Aerospace Structures** in the Department of Engineering of the University of Palermo (Italy).

He is the coordinator the **Master Degree in Aerospace Engineering**.

He is a component of the Scientific Board of the **PhD Course in Mechanical, Manufacturing, Management and Aerospace Innovation**.

He is a component of the Scientific Board of the **PhD Course in Civil, Environmental and Materials Engineering**.

He has been (2009-2015) member of the Scientific Board of the PhD in *Technology and Management of Aeronautical Infrastructures* of the University Kore of Enna, Italy.

In 2019 he has been **Invited Foreign Professor** at the [Institut National des Sciences Appliquées \(INSA\), Rouen Normandie](#), France.

Between 2015 and 2016 he has been **Fulbright Visiting Scholar** in the Department of Mechanical Engineering of the McCormick School of Engineering at Northwestern University, Evanston, Illinois, USA.

Between 2011 and 2013 he has been **Marie Curie Intra-European Fellow** at the Department of Aeronautics of Imperial College London, UK.

He obtained his **PhD in Aerospace Engineering** in 2008 from the University of Pisa, Italy.

Has authored overall around [120 scientific papers](#), in leading international peer reviewed journals, book chapters and national and international conference proceedings.

Citation data – (updated 15 November 2021)

- [Google Scholar](#): 1277 citations, h-index = 20
- [ResearchGate](#): 1201 citations, h-index = 19

He is member of the Editorial Board of

- [Journal of Multiscale Modelling](#)
- [MDPI/Modelling](#)
- [CEAS Aeronautical Journal](#)
- [Mathematical Problems in Engineering](#)
- [European Journal of Computational Mechanics](#)

Since 2013, he is member of:

- International Scientific Committee of the *International Conference on Damage and Fracture Mechanics*
- Scientific Advisory Committee of the *International Conference on Boundary Element and Meshless techniques*.

He serves as referee for several international journals.

His **research interests** include: Computational modelling of materials and structures, Damage and fracture mechanics, Structural Health Monitoring, Micro-mechanics, Multiscale modelling, Polycrystalline materials, Composite materials, Piezoelectric materials, Finite and Boundary Element Method (FEM and BEM), fast BEM solvers.