

LEONETTI LEONARDO



CAREER

2006 Phd degree in computational mechanics. 2007 Researcher at Helsinki University of Technology, 2008 post-doc position at UNICAL(funded by Regione Calabria), 2009-2010 post-doc position at UNICAL, 2011-oggi Assistant professor at UNICAL

RESEARCH

Boundary elements formulations and analytical integration of hypersingular terms; Domain decomposition methods; Efficient computational methods for shakedown; Smoothed finite elements for linear and nonlinear analysis of structures; Generalized beam models; Mixed models for geometrically nonlinear structures; Isogeometric shell formulations; Asymptotic formulations for slender structures; Reduced integration strategies for alleviating the locking in shell structures. NURBS based patch-coupling methods for shells; Assessing of fire resistant R.C. structures; Optimal design of shell structures for aeronautical applications (composites)

PUBLICATIONS

[HTTPS://IRIS.UNICAL.IT/CRIS/RP/RP58217](https://iris.unical.it/cris/rp/rp58217)

PERSONAL INFORMATION

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Twitter

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Research

Gate:

https://www.researchgate.net/profile/L_Leonetti

TEACINGS

Teaching assistant of Structural Mechanics;
Teaching assistant of Structural Computational
Mechanics; Teaching assistant of Structural
Dynamics; Teacher of Structural Computational
Mechanics (UniSalento); Teacher of Structural
Mechanics; Advanced solid mechanics (Phd
course in scienze e tecnologie fisiche, chimiche e
dei materiali)

[HTTPS://CLIKKA.NET/CMG40](https://cliikka.net/CMG40)

Student Reception: Monday 15.00-17.00

ACADEMIC SERVICE

Member of the disciplinary board