



Professor Roberto Brighenti

See:

http://www2.unipr.it/~brigh/2-English/Curriculum_eng.htm

<http://www2.unipr.it/~brigh/>

<https://scholar.google.com/citations?user=NHQKK7sAAAAJ&hl=ja>

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<http://www.sapub.org/journal/editorialdetails.aspx?JournalID=1038&PersonID=10087>

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Structural Mechanics

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Academic Positions:

2014- Associate Professor of Structural Mechanics, Dept. of Civil Engineering, Environment & Architecture - Faculty of Engineering - University of Parma

1998-2014 Assistant Professor of Structural Mechanics, Dept. of Civil Engineering, Environment & Architecture - Faculty of Engineering - University of Parma

Education:

1993 - 1997 Ph.D., in Fatigue and Fracture Mechanics of flawed metallic structures at the Faculty of Engineering, University of Bologna, Italy.

1987 - 1993 Bsc. & M.Sc. (Laurea) with “summa cum laude”, in Civil Engineering at University of Parma

Selected Publications:

Brighenti, R.: Buckling of cracked thin-plates under tension and compression. Thin-Walled Struct. 43, 209–224 (2005)

Brighenti, R.: Numerical buckling analysis of compressed or tensioned cracked thin-plates. *Eng. Struct.* 27, 265–276 (2005)

Brighenti, R.: Buckling sensitivity analysis of cracked thin plates under membrane tension or compression. *Nucl. Eng. Des.* 239, 965–980 (2009)

Roberto Brighenti, “Influence of a central straight crack on the buckling behaviour of thin plates under tension, compression or shear loading”, *International Journal of Mechanics and Materials in Design*, Vol. 6, No. 1, pp 73-87, March 2010

Brighenti R, Carpinteri A. Buckling and fracture behaviour of cracked thin plates under shear loading. *International Journal of Materials and Design* 2011;32:1347–55.