

Giorgio Anitori

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Personal data

Date of birth: 3/11/84 in Ronciglione VT Italia

NIE: Y1407628-L

Driving license and own car





Education

	PhD in "System reliability based methods for bridge inspection"	2011-ongoing	Technical University of Catalonia "UPC"
	Ordine degli Ingegneri della Provincia di Viterbo	2011	Civil Engineer Professional License
	Master in Structural Engineering	2008-2010	University of Rome "la Sapienza"
	Bachelor in Civil Engineering	2003-2008	University of Rome "la Sapienza"

Selected publications

- 1) "Redundancy and Robustness in the Design Evaluation of Bridge Structures. European and North American perspectives."
(Anitori G., Casas J.R., Ghosn M.)
J. Bridge Eng. 18, SPECIAL SECTION: Eurocodes and Their Implications for Bridge Design: Background, Implementation, and Comparison to North American Practice, 1241–1251.
- 2) IABMAS 2016 in Foç do Iguazu, Brasil:
 - "Application of System-based Correction Factors in Condition Rating of Steel-Composite Bridges."
(Anitori G., Casas J.R., Ghosn M.)
 - "Live Load Model for Refined Analysis of Short and Medium-Span Bridge Systems"
(Anitori G., Casas J.R., Ghosn M.)
- 3) NCHRP 12-86 "Bridge System Safety and Redundancy" (Ghosn M., Anitori G., Yang J., , Beal D., Frangopol D., Svakumar B., Fu G., Miao F., Beregeon A., Yelkikanat T.)

Research

	Visitor Researcher fellowship (Brno, CZ)	2015 (2 months)	Department of Structural mechanics at "Brno University of Technology" (VUT) financed by the Spanish ministry of Education under the supervision of prof. Drahomir Novak
	Visitor Researcher fellowship (New York, US)	2014 (4 months)	Department of Civil Engineering at "The City College of New York" (CUINY/CCNY) financed by the Spanish ministry of Education under the supervision of prof. Michel Ghosn
	Visitor Researcher fellowship (New York, US)	2013 (6 months)	Department of Civil Engineering at "The City College of New York" (CUINY/CCNY) financed by the Spanish ministry of Education under the supervision of prof. Michel Ghosn
	Research fellow	2011 (9 months)	Research fellow in the "REHABCAR" project (INNPACTO) financed by the Spanish ministry of Economy and Competitiveness under the supervision of prof. Joan Ramon Casas

Skills

- System reliability of short to medium span bridges
- Robustness and redundancy in design, evaluation and inspection of bridges
- Consequences of corrosion in steel and concrete structures
- Live load model from Weight-in motion-data
- Life cycle management of structures (design, inspection, evaluation, maintenance)
- Design and evaluation of structures in seismic areas
- Evaluation and repair techniques of historical buildings

Languages

English	★★★★☆
Italian	★★★★★
Spanish	★★★★☆
Catalan	★★★★☆
French	★☆☆☆☆

Informatic skills

Opensees/Tcl	★★★★☆
Matlab	★★★★☆
Autocad	★★★★☆
SAP2000	★★★★☆
Excel/vba	★★★★☆
Diana	★★☆☆☆

Hobbies

Electronics, Music, Coding, Web design, Servers.