

## PERSONAL INFORMATION

## Antonio Conforti

 43, Via Branze, Brescia, 25123, Italy

 [antonio.conforti@unibs.it](mailto:antonio.conforti@unibs.it)

Web site: <https://sites.google.com/site/antonioconfortiphd/>

## EDUCATION AND TRAINING

- (2012) **Ph.D in Materials for Engineering**  
DICATA - Department of Civil, Architectural, Environmental and Land Planning Engineering  
University of Brescia, Via Branze 43, 25123 Brescia (Italy)
- (2010) **Licensed Engineer**  
Ordine degli Ingegneri della Provincia di Brescia  
Via Cefalonia, 70 – 25124 Brescia (Italy)
- (2008) **Civil Engineer**  
**Master degree in Civil Engineering**  
DICATA - Department of Civil, Architectural, Environmental and Land Planning Engineering  
University of Brescia, Via Branze 43, 25123 Brescia (Italy)
- (2006) **Bachelor's degree in Civil Engineering**  
DICATA - Department of Civil, Architectural, Environmental and Land Planning Engineering  
University of Brescia, Via Branze 43, 25123 Brescia (Italy)

## JOURNAL PAPERS

- IJ1** Cuenca, E., Conforti, A., Minelli, F., Plizzari, G.A., Navarro-Gregori, J., and Serna, P., (2018), "A material-performance-based database for FRC and RC elements under shear loading", *Materials and Structures*, February 2018, Vol. 51, No. 11, <https://doi.org/10.1617/s11527-017-1130-7>
- IJ2** Conforti, A., Minelli, F., Plizzari, G.A., and Tiberti G. (2017), "Comparing test methods for the mechanical characterization of fiber reinforced concrete", *Structural Concrete*, October 2017, <https://doi.org/10.1002/suco.201700057>
- IJ3** Conforti, A., Minelli, F., and Plizzari, G.A. (2017), "Shear behaviour of prestressed double tees in self-compacting polypropylene fibre reinforced concrete", *Engineering Structures*, September 2017, Vol. 146, pp. 93-104, <https://doi.org/10.1016/j.engstruct.2017.05.014>
- IJ4** Conforti, A., Minelli, F., and Plizzari, G.A. (2017), "Influence of Width-to-Effective Depth Ratio on shear Strength of Reinforced Concrete Elements without Web Reinforcement", *ACI Structural Journal*, July-August 2017, Vol. 114, No. 4, pp. 995-1006, doi: 10.14359/51689681
- IJ5** Parra-Montesinos G.J., Wight J.K., Koczyński C., Lequesne R.D., Setkit M., Conforti A., and Ferzli J. (2017), "Elimination of Diagonal Reinforcement in Earthquake-Resistant Coupling Beams through Use of Fiber-Reinforced Concrete", *ACI Special Publication*, March 2017, Vol. 313, pp. 1-8
- IJ6** Conforti, A., Tiberti, G., Plizzari, G.A., Caratelli, A., and Meda A. (2017), "Precast tunnel segments reinforced by

macro-synthetic fibers", *Tunnelling and Underground Space Technology*, March 2017, Vol. 63, pp. 1-11, <http://dx.doi.org/10.1016/j.tust.2016.12.005>

**IJ7** Conforti, A., Tinini, A., Minelli, F., Plizzari, G.A., and Moro S. (2017), "Structural applicability of polypropylene fibres: Deep and wide-shallow beams subjected to shear", *ACI Special Publication*, March 2017, Vol. 310, pp. 171-180

**IJ8** Parra-Montesinos G.J., Wight J.K., Kopczyński C., Lequesne R.D., Setkit M., Conforti A., and Ferzli J. (2017), "Earthquake-resistant fiber reinforced concrete coupling beams without diagonal bars", *ACI Special Publication*, March 2017, Vol. 310, pp. 461-470

**IJ9** Conforti, A., Tiberti, G., and Plizzari G.A. (2016), "Splitting and crushing failure in FRC elements subjected to a high concentrated load", *Composites Part B: Engineering*, November 2016, Vol. 105, pp. 82-92, <http://dx.doi.org/10.1016/j.compositesb.2016.08.032>

**IJ10** Conforti, A., Tiberti, G., and Plizzari G.A. (2016), "Combined effect of high concentrated loads exerted by TBM hydraulic jacks", *Magazine of Concrete Research*, November 2016, Vol. 68, No. 21, pp. 1122-1132, <http://dx.doi.org/10.1680/jmacr.15.00430>

**IJ11** Conforti, A., and Minelli, F., (2016), "Compression field modelling of fibre reinforced concrete shear critical deep beams: a numerical study", *Materials and Structures*, August 2016, Vol. 49, No. 8, pp. 3369-3383, <http://link.springer.com/article/10.1617/s11527-015-0725-0>

**IJ12** Tiberti, G., Conforti, A., and Plizzari G.A. (2015), "Precast segments under TBM hydraulic jacks: Experimental investigation on the local splitting behavior", *Tunnelling and Underground Space Technology*, August 2015, Vol. 50, pp. 438-450, doi:10.1016/j.tust.2015.08.013

**IJ13** Conforti, A., Minelli, F., Tinini, A., and Plizzari G.A. (2015), "Influence of polypropylene fibre reinforcement and width-to-effective depth ratio in wide-shallow beams", *Engineering Structures*, April 2015, Vol. 88, pp. 12-21, <http://dx.doi.org/10.1016/j.engstruct.2015.01.037>

**IJ14** Facconi L., Conforti A., Minelli F., and Plizzari G.A., (2015) "Improving shear strength of unreinforced masonry walls by nano-reinforced fibrous mortar coating", *Materials and Structures*, August 2015, Vol. 48, No. 8, pp. 2557-2574, <http://link.springer.com/article/10.1617%2Fs11527-014-0337-0>

**IJ15** Minelli F., Conforti A., Cuenca E., and Plizzari G.A. (2014), "Are steel fibres able to mitigate or eliminate size effect in shear?", *Materials and Structures*, March 2014, Vol. 47, No. 3, pp.459-473, doi: 10.1617/s11527-013-0072-y

**IJ16** Conforti A., Minelli F., and Plizzari G.A. (2013), "Wide-shallow beams with and without steel fibres: a peculiar behavior in shear and flexure", *Composites Part B: Engineering*, August 2013, Vol. 51, pp. 282-290, ISSN 1359-8368, doi:10.1016/j.compositesb.2013.03.033

**PERSONAL SKILLS**

Mother tongue	Italian				
Other languages	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Spanish	C2	C2	C2	C2	C1
French	A1	A1	A1	A1	A1
	Certificate of DELF A1 (Centre Culturel Français of Milan)				