

Fabrizio Miglietta

PhD – Politecnico di Torino, Italy

Torino, Italy

+39 011 090 5623

fabrizio.miglietta@polito.it

fabrizio.mig@gmail.com

Languages: Italian, English



Current Occupation

Ph. D. Student in Civil and Environmental Engineering

Department of Environment, Land, and Infrastructure Engineering

Politecnico di Torino, Italy

Academic discipline: ICAR/04 – Road, Railways and Airport

Education

2017 – present	Ph. D. Student in Civil and Environmental Engineering
2013 – 2016	Master's Degree in Civil Engineering (Politecnico di Torino)
2008 – 2013	Bachelor's Degree in Civil Engineering (Politecnico di Torino)
2003 – 2008	High school diploma (Liceo scientifico Cosimo De Giorgi, Lecce)

Academic Experience

Mar. 2020 – Jul. 2020	Teaching assistant in the subject of Experimental Methods and Laboratory Testing for Civil Engineering Applications
Oct. 2017 – Feb. 2018	Research program in Civil, Environmental and Sustainable Engineering (Purdue University, USA)
Apr. 2016 – Jul. 2016	Internship in Civil, Environmental and Sustainable Engineering (Arizona State University, USA)

Area of Expertise

Pavement materials characterization with the focus on self-healing and fatigue properties of asphalt binders, performances of asphalt mixtures modified by means of nano-sized additives.

Papers in Referred Journals

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| 2019 | E. Santagata, O. Baglieri, F. Miglietta , L. Tsantilis, P.P. Riviera "Impact of nanosized additives on the fatigue damage behaviour of asphalt mixtures", <i>Fatigue & Fracture of Engineering Materials & Structures</i> |
| 2018 | F. Miglietta , B.S. Underwood, L. Tsantilis, O. Baglieri, K.E. Kaloush, E. Santagata, "Fatigue properties of nano-reinforced bituminous mixtures: a viscoelastic continuum damage approach", <i>International Journal of Pavement Research and Technology</i> |
| | M. Dosa, M. Piumetti, S. Bensaid, N. Russo, O. Baglieri, F. Miglietta , D. Fino, "Properties of the clinoptilolite: characterization and adsorption tests with methylene blue", <i>Journal of Advanced Catalysis Science and Technology</i> |

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