



Alberto Portera

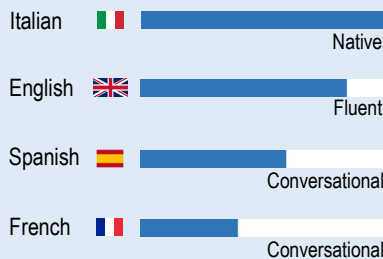
PhD in Civil and Environmental Engineering

Department of Environment, Land and Infrastructure Engineering
Politecnico di Torino – Corso Duca degli Abruzzi, 24 – 10129 Torino, Italy
☎ +39 328 8037889 | ✉ alberto.portera@polito.it | 📺 Alberto Portera

Personal Information

Date of Birth: 21/12/1995
Residential Address: Via Sabin C.le o1, 3 – Cefalù (PA), Italy
Home Address: Via Sebastiano Caboto, 27 – Torino (TO), Italy

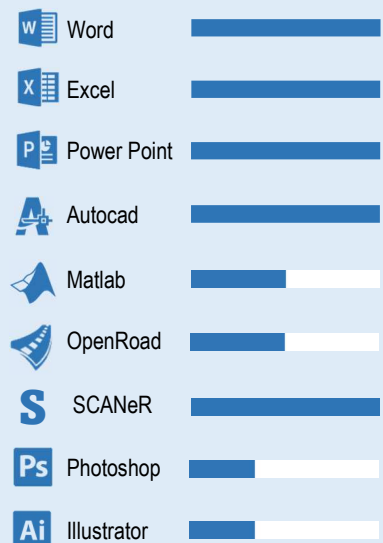
Languages



Skills

Teamwork	Problem-solving
Organization	Time management
Motivation	Adaptability
Critical thinking	Leadership
Active listening	Flexibility
Attention to detail	Communication

Software



Education

28/01/2022 – 29/04/2022	Erasmus+ Doctoral Mobility Program University of Granada
01/11/2020 – ongoing	Doctoral Program in Civil and Environmental Engineering Politecnico di Torino
17/07/2020	Qualification to the Profession of Engineer
01/05/2020 – 31/10/2020	Research Scholar Politecnico di Torino
08/12/2017 – 25/03/2020	Master's degree in Civil Engineering (Transport Infrastructures) Politecnico di Torino Graduation Grade: 110/110
17/09/2014 – 01/12/2017	Bachelor's Degree in Civil Engineering Politecnico di Torino
2009 – 2014	High school diploma (Specialization in surveying) I.I.S.S. Jacopo del Duca – Cefalù (PA)

Publications

- Portera, A., & Bassani, M. (2020). Factors influencing driver behaviour along curved merging interchange terminals. *Transportation research part F: traffic psychology and behaviour*, 75, 187-202.
- Portera, A., & Bassani, M. (2021). Experimental Investigation into Driver Behavior along Curved and Parallel Diverging Terminals of Exit Interchange Ramps. *Transportation Research Record*, 0361198121997420.
- Bassani, M., Portera, A., & Raimondo, G. (2021) Longitudinal and Transversal Driver Behaviour with Innovative Horizontal Markings Along Curved Motorway On Ramps and Terminals. *Transportation Letters*.
- Raimondo, G., Lioi, A., Hazoor, A., Portera, A., Tefa, L., Bassani, M. (2022). Alternative Horizontal Markings along Curved Exit Terminal-Ramps to Improve Driver Safety-Related Performance. *Transportation Research Board Annual Meeting*

Under revision:

- Bassani, M., Catani, L., Hazoor, A., Hoxha, A., Lioi, A., Portera, A., Tefa, L. (2022). A Driving Simulation Study on The Effectiveness of Technologies Against Distracted Driving. *Transportation Research Part C: Emerging Technologies*
- Portera, A., Angioi, F., Di Stasi, L. L., Bassani, M. (2022). The Impact of Colored Road Studs on Driver Behavior along Horizontal Curves.
- Lioi, A., Portera, A., Tefa, L., Hazoor, A., Bassani, M. (2022). Validation of a Driving Simulator for Road Tunnel Behavioral Studies. *AIIT 3rd International Conference on Transport Infrastructure and Systems*

Research Interest and Expertise

Road, railway, and airport design - Road safety - Driving simulation - Driver behavior - Human-machine interface – Human Factors - Advanced driver assistance systems – Smart Roads – Traffic Psychology

Conferences attended

09/01/2022 – 13/01/2022 101st Transportation Research Board, Washington D.C.
21/10/2021 – 22/10/2021 30th anniversary of Italian Society of Transportation Infrastructures
15/06/2021 – 19/06/2021 World Transport Convention 2021 (Paper submitted, in remote)
16/01/2021 100th Transportation Research Board (Virtual Event)
05/11/2020 6th Symposium Driving Simulation

Affiliations and Professional Society Memberships

Member of the SIIV society - Italian Society of Transportation Infrastructures (since 2021)

International Academic Cooperation

University of Granada – Prof. Leandro L. Di Stasi
Nord University, Norway – Prof. Giuseppe Marinelli
Central South University, China – Prof. Jaeyoung Lee

Reviewing Activities

Reviewer for “IET Intelligent Transport Systems” (since 2022)
Reviewer for “Transportation Research Board” (since 2021)

Participation in Research Projects Funded by Private Companies

- Driving simulation study about the effect of alcoholic beverages on driving behavior, using different kinds of wine (natural and conventional). Research contract between University di Torino and Politecnico di Torino (2022).
- Technical-Economic feasibility study aimed at defining a new access road and a parking area reserved for visits by guests of Tenuta Monsordo Bernardina, (2022)
- Experimental study on the behavioral effects due to the introduction of fluid-dynamic accelerators in the G1 tube of the Fréjus tunnel, (2021)

Academic Teaching

Tutor for the Course of Technical Drawing – Bachelor's Degree in Civil Engineering (A.Y. 2017-2018 / 2018-2019 / 2019-2020)

Co-tutorship of master's thesis

- “Driver risk perception in curves with sight limitations”. Adele Carbone, 2021.
- “The impact of colored road studs on driver behavior”, Leonardo Muzzioli, 2021.
- “Driver behavior with intelligent LED strips installed in the proximity of pedestrian crossings: a driving simulator study”, Federica Silotto, ongoing.
- “Driver-cyclist interaction in different road configurations”, Stefano Merlina, ongoing.
- “The effects of LED studs configuration in longitudinal and transversal driver behavior”, Xiyan Wue, ongoing.