

Lucarelli, A., S. Miranda and C. Asioli. "The Multi-Purpose Bottom Plug (MPBP) as Liquefaction Risk Mitigation at Galataport Project in Istanbul, Turkey," in **Proceedings, 7th International Conference on Earthquake Geotechnical Engineering (ICEGE, Rome, June 2019)**.

Siegel, T., and A. Lucarelli. "Theory and Modelling of Negative Skin Friction on a Pile in Soil," *DFI Journal - The Journal of the Deep Foundations Institute*, **10**(3), 135–142. 2017.

Lucarelli, A. and Z. Cheng. "Plastic Hardening Model III: Design Applications," in **Applied Numerical Modeling in Geomechanics — 2016 (Proceedings, 4th Itasca Symposium on Applied Numerical Modeling, Lima, March 2016)**. pp. 403-414. P. Gómez, C. Detournay, R. Hart, and M. Nelson, Eds. Minneapolis: Itasca International, Inc., 2016.

Cheng, Z. and A. Lucarelli. "Plastic Hardening Model II: Calibration and Validation," in **Applied Numerical Modeling in Geomechanics — 2016 (Proceedings, 4th Itasca Symposium on Applied Numerical Modeling, Lima, March 2016)**. pp. 393-402. P. Gómez, C. Detournay, R. Hart, and M. Nelson, Eds. Minneapolis: Itasca International, Inc., 2016.

Pan, D., A. Lucarelli, Z. Cheng. "Natural Frequency Analysis of a Wind Farm Turbine-Pile-Foundation System," in **Proceedings, Geotechnical and Structural Engineering Congress 2016 (Phoenix, February 2016)**. pp. 1127-1137. C.Y. Chandran, M.I. Hoit, Eds. Reston: ASCE, 2016.

Pan, D., A. Lucarelli, Z. Cheng. "Field Test of Monopiles for Offshore Wind Turbine Foundations," in **Proceedings, Geotechnical and Structural Engineering Congress 2016 (Phoenix, February 2016)**. pp. 1138-1152. C.Y. Chandran, M.I. Hoit, Eds. Reston: ASCE, 2016.

Blanksma, D., D. Dasenbrock, A. Lucarelli and R. Peterson. "The Effect of Tip Stiffness on Pile with Downdrag," in **Transportation Research Record: Journal of the Transportation Research (Proceedings, TRB 94th Annual Meeting, Washington, D.C., January 2015)**. No. 2511, 2015.

Blanksma, D., S. Fuoco, A. Lucarelli and A. Oss. "Evaluation of the Efficiency of Soft-Soil Improvement with Rigid Columns," in **Proceedings, 62nd Annual Geotechnical Engineering Conference (St. Paul, Minnesota, February 2014)**. pp. 119-130. J. F. Labuz and Z. D. Cotter, Eds., Minneapolis: Dept. of Civil Engineering, University of Minnesota, 2014.

Detournay, C., A. Lucarelli and Varun. "Back-Analysis of an Embankment Constructed on Soft Soil Using the Cysoil Model," in **Numerical Methods in Geotechnical Engineering (Proceedings, 8th NUMGE Conference, Delft, Netherlands, May 2014)**, pp. 597-602. Michael A. Hicks, Ronald B. J. Brinkgreve, and Alexander Rohe, Eds. London: Taylor & Francis, 2014.

Castellani, L., G. Furlani, A. Lucarelli and A. Lucarelli. "Complex Piled Raft Foundations Designs for Expo 2015 Arcs Viaduct," in **Continuum and Distinct Element Numerical Modeling in Geomechanics — 2013 (Proceedings, 3rd International FLAC/DEM Symposium, Hangzhou, China)**. Paper: 04-01, H. Zhu, C. Detournay, R. Hart, and M. Nelson, Eds. Minneapolis: Itasca International, Inc., 2013.

Castellani, L., G. Furlani and A. Lucarelli. "Evaluation of Railway Grade Crossing Designs," in **Continuum and Distinct Element Numerical Modeling in Geomechanics — 2013 (Proceedings, 3rd International FLAC/DEM Symposium, Hangzhou, China, October 2013)**. Paper: 04-06, H. Zhu, C. Detournay, R. Hart, and M. Nelson, Eds. Minneapolis: Itasca International, Inc., 2013.

Lucarelli, A., G. Guiducci, G. Furlani and R. Sorge. “Cap-Yield Model with Cohesion, Back Analysis of Real Excavations,” in *Continuum and Distinct Element Modeling in Geomechanics — 2011 (Proceedings, 2nd International FLAC/DEM Symposium, Melbourne, February 2011)*. Paper 05-10, pp. 293-301, D. Sainsbury, R. Hart, C. Detournay, and M. Nelson, Eds. Minneapolis: Itasca International, Inc., 2011.

Lucarelli, A., G. Guiducci, G. Furlani, R. Sorge and A. Carrettucci. “3-D Finite Element Modeling and Construction Aspects for Vertical Shafts in Metro C Rome,” in *Proceedings, TC28 — Geotechnical Aspects of Underground Construction in Soft Ground, 7th International Symposium (Rome, Italy, May 2011)*. Pp. 685-692. G. Viggiani, Ed. London: Taylor & Francis, 2011.

Lucarelli, A., G. Guiducci, G. Furlani, R. Sorge and A. Carrettucci. “Deep Excavation of Malatesta Station in Rome: Design, Construction and Measures,” in *Proceedings, TC28 — Geotechnical Aspects of Underground Construction in Soft Ground, 7th International Symposium (Rome, Italy, May 2011)*. Pp. 301-308. G. Viggiani, Ed., London: Taylor & Francis 2011.

Lucarelli, A., S. Fuoco and E. Pasqualini. “A Contribution to Tunnel Face Stability in Continuous Media,” in *Proceedings, ITA Conference (San Paolo, Brazil, 1998)*.