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Mr. Jerome RACINAIS is a practicing geotechnical engineer, graduating in the multidisciplinary engineering institute ENSTA in Brest (France). He is Vice-President of the Technical Committee of the French Society of Soils Mechanics (CFMS) and Vice-Chairman of the Technical Committee TC211 (Ground Improvement). Since graduating in 2001, he has worked in the field of geotechnical engineering for the ground improvement specialist company MENARD. As Engineering director and design department manager, he and his team provide technical support to the Menard agencies spread around the world. He is responsible of the development of new design approaches and internal software for ground improvement solutions. He also maintains close partnership with Universities and Software providers companies to be at the head of 2D and 3D Finite Element modelling. He is also visiting professor in French engineering school (Centrale PARIS, CHEC, ESITC Caen). During the last years, he was involved in the French ASIRI national program and actively participated to the development of design procedures for rigid inclusions under slab-on-grades, footings and embankment.

Some papers

2nd Seminar on Transportation Geotechnics 2019, Villa Franca de Xira (Portugal): *Successful Menard Vacuum Trial Area in the New Mexico City Airport*, Jérôme RACINAIS, Alfredo Cirion Arana

Canadian Geotechnical Journal 2019: *Footings over rigid inclusion-reinforced soft soil. Experimental and numerical approaches*, Hung V. PHAM, Laurent BRIANÇON, Daniel DIAS, Jérôme RACINAIS

1st SGT 2017, Lisbon (Portugal): *Ground improvement solutions for transport infrastructure: philosophy and case histories*, J. Racinais, P. Burtin

19th ICSMGE 2017, Seoul (South Korea): *Beneficial Use of PMTs for Accurate Modelling by Finite Elements of a Rigid Inclusions Ground Improvement Solution*, J. Racinais, F. Maucotel, S. Varaksin, B. Hamidi

19th ICSMGE 2017, Seoul (South Korea): *TC211 General Report of the XIX ICSMGE: Ground Improvement works*, Noël Huybrechts, Nicolas Denies, Jeroen Dijkstra, Cholachat Rujikiatkamjorn, Jérôme Racinais, Almer van der Stoel

3rd ICTG 2016, Guimaraes (Portugal): *Controlled Modulus Columns (CMC) Ground Improvement under the Future Embankment of the New Turcot Interchange*, J. Racinais, A. Viateau, H. Guimont

19th SAGC 2016, Kuala Lumpur (Malaysia): *Twenty Years of CMC Successful Application*, J. Racinais, B. Thomas, R. Ong

XVI ECSMGE 2015, Edinburgh (UK): *Successful combination of rigid inclusions (CMC) and Trenchmix (TM) soil improvement solutions*, F. Mathieu, J. Racinais, J. Rochault, D. Adams

GEOTEXTILES AND GEOMEMBRANES, Vol40, October 2013, *Analysis of soil-welded steel mesh reinforcement interface friction by pull-out tests*, LAJEVARDI, S.H. , DIAS, D. , RACINAIS, J.

18th SAGC 2013, Singapore: *New approach to determine ultimate stress mobilisation in the interface “Rigid Inclusion head and Load Transfer Platform”*, J. Racinais, S. Varaksin, K. Yee

TC211 IS-GI 2012, Brussels (Belgium): *Finite Element Modeling of Vacuum Consolidation using Drain Elements and Unsaturated Soil Conditions*, R. Witasse, J. Racinais

EYGEC 2011, Rotterdam (Netherlands): *Comprehensive design of slab-on-grades supported by rigid inclusions*, J. Racinais, C. Plomteux

ICSMGE 2009, Alexandria (Egypt): *Study of parameters for the application of dynamic consolidation and associated techniques*, S. Varaksin, J. Racinais