AVVISO DI SEMINARIO

Zhen-Yu Yin
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Martedì 29 Novembre 2022
ore 12:00-13:00

presso la Biblioteca Geotecnica del DISG
Via Eudossiana 18, 3° piano sul Chiostro della Facoltà
terrà un seminario dal titolo:

Practice of Machine Learning in Constitutive Modelling of Soils

In recent decades, various advanced constitutive models for soils have sprung up. The identification of parameters and selection of constitutive models have become one of the hotspots and difficulties in geotechnical engineering, even the engineers are at a loss. Therefore, the purpose of this presentation is to deal with how to develop constitutive models through machine learning, and how to apply them to engineering practice.

Dr. Zhen-Yu Yin is currently full Professor of Geotechnical Engineering at The Hong Kong Polytechnic University. He received his BEng in Civil Engineering from Zhejiang University in 1997, followed by five years engineering consultancy at the Zhejiang Jiahua Architecture Design Institute. Then, he obtained his MSc and PhD in Geotechnical Engineering at Ecole Centrale de Nantes (France) in 2003 and 2006 respectively. Prof. Yin has published over 200 articles in peer reviewed international journals with an H-index of 50 according to Web of Science. He is Associate Committee Member of Granular Materials Committee of American Society of Civil Engineers; Associate Editor of "European Journal of Environmental and Civil Engineering" and "Geotechnique Letters"; and Editorial Board Members of some top journals in the field of soil mechanics and geotechnical engineering (Canadian Geotechnical Journal, International Journal of Geomechanics ASCE, Computers and Geotechnics, Soils and Foundations, Acta Geotechnica, Transportation Geotechnics, GeoRisk, etc.).

Please see detail in the website of his research group: http://geoinvention.com/