

UNIVERSITY OF MACAU
FACULTY OF SCIENCE AND TECHNOLOGY
DEPARTMENT of
CIVIL AND ENVIRONMENTAL ENGINEERING

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**"Micro and macro modeling approaches for
elementary mechanical behaviors of soft soils"**

by

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Date: 04/01/2016 (MONDAY)

Time: 10:00AM – 11:00AM

Venue: E11 - 1006

Abstract

The elementary mechanical behaviors and constitutive modeling of soft soils is an important theoretical basis for the engineering practice on soft soil regions. This presentation focuses on some typical mechanical behaviors of soft soils starting from the most basic materials “remolded soils to intact natural. Each basic characteristics is presented from its definition or basic description, then to introduce the testing methods with summary and analysis of test results, as well as commonly used constitutive modeling methods.

Biography

Dr Yin graduated from Zhejiang University in 1997 for BSc, and then worked as engineer at Zhejiang Jiahua Architecture Design Institute for five years. He obtained MSc and PhD in Geotechnical Engineering at Ecole Centrale de Nantes in France in 2003 and 2006. He also received the Prize of Excellent Research and Direction (PEDR) by the Minister of Education of France in 2014.

After PhD, he worked as research fellow mainly at Helsinki University of Technology (Finland), University of Strathclyde (UK), University of Massachusetts (Umass-Amherst, USA) until 2010. He jointed Shanghai Jiao Tong University as Dongfang scholar in 2010, and moved to Ecole Centrale de Nantes in 2013 as Associate Professor.

His research interests are constitutive modelling of soils and its application to geotechnical engineering with over 50 international journal publications.

ALL ARE WELCOME!