



Tunneling, Then and Now

Professor Wei WU

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SPEAKER'S BIOGRAPHY

Prof. Wei Wu is Director of the Institute of Geotechnical Engineering at the University of Natural Resources and Applied Life Sciences, Vienna, Austria. Prof. Wu has authored more than 100 publications in SCI journals, which cover wide areas including constitutive modelling, numerical methods, laboratory and field testing, tunneling, geosynthetics, slope stability, landfills etc. Prof. Wu is the Editor-in-chief of the Journal Acta Geotechnica. He is the Editor of the book series "Geomechanics and Geoengineering". He has coordinated several large projects funded by the European Commission, e.g. Multiscale Modelling of Landslides and debris Flows with a budget of about 4.3 million Euro (www.mumolade.com).

Date: 8 March 2019 (Friday)

Time: 10:00 a.m. – 12:00 noon

Venue: Room Z409, 4/F, Block Z,
The Hong Kong Polytechnic University
181 Chatham Road South
Hung Hom, Kowloon, Hong Kong

ABSTRACT

The talk is based on my 10 years' experience in the tunneling industry of Europe. We start with the major tunnels in the history, from the first tunnel of mankind, the Eupalinos Tunnel till the longest tunnel of the world, the Gotthard Base Tunnel. We show how technical development has shaped the tunneling industry today for TBM and NATM. We discuss some interesting issues in analysis and design and touch on some issues in tunnel safety.

*** All Interested Are Welcome ***

For further information, please contact Dr Zhen-Yu Yin at Tel. 3400 8470

Free Admission. Please reserve your seat with Dr Sam Feng by email:

sam.feng@polyu.edu.hk.

Certificates of attendance will be provided to participants if they attend the whole lecture.