

Keynote 3

Professor Xia-ting Feng

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Keynote Title

Rock mass Behaviour during Excavation of
China Jinping Underground Laboratories
with Overburden of 2400 m



Professor Xia-Ting Feng, obtained his BSc degree in Mining Engineering from the Northeast University of Science and Technology in Shenyang, China, in 1986 and his PhD in rock mechanics from the Northeastern University, China, in 1992. Then he has been affiliated as Lecturer, Associate Professor (from 1993-1996) and Professor (from 1996-2001) at the same university, from September 1995 to March 1996 as a Visiting Researcher and from December 1996 to November 1997 as a ITIT Special Research Officer at National Institute for Resource and Environment, Tsukuba, Japan, and from May to November 1996 as a Senior Research Officer at Department of Mining Engineering, the University of Witwatersrand, South Africa. As a Professor of Hundred Talent Program of the Chinese Academy of Sciences, he joined Institute of Rock and Soil Mechanics, the Chinese Academy of Sciences in 1998, from 2001-2003 as Vice Director in Charge and from 2003-2005 as Director of this institute, from 2001-2007 as Director of Key Laboratory of Rock and Soil Mechanics, Chinese Academy of Sciences, from 2007-present as Director of State Key Laboratory of Geomechanics and Geotechnical Engineering. He worked in Imperial College, UK, the University of Oklahoma, USA, Royal Institute of Technology, Sweden, and Lille University of Science and Technology, France as a Visiting Professor or Academic Visitor in short term.

Professor Feng was the President of International Society for Rock Mechanics (ISRM), Vice President of Chinese Society for Rock Mechanics and Engineering (CSRME) (2004-present), and have being ISRM Vice President at Large (2007-2011), President of ISRM National Group for China (2004-2007), Vice Chairman of the 12th ISRM International Congress on Rock Mechanics, Beijing, China, 2011, Co-Chairman of the ISRM International Symposium-SINOROCK2009, Hong Kong, China, 2009, and Co-Chairman of the ISRM Regional Symposium-SINOROCK2004, Yichang, China, 2004. He is also Editor-in-Chief of Chinese Journal of Rock Mechanics and Engineering, Associate Editor-in-Chief of Chinese Journal of Theoretical and Applied Mechanics (2011-present), Members of Editorial Board of International Journal of Rock Mechanics and Mining Sciences (2003-present), Rock Mechanics and Rock Engineering (2010-present), Geomechanics and Tunnelling (2008-present), Acta Mechanica Sinica (2011-present), and Journal of Rock Mechanics and Geotechnical Engineering (2009-present), and Member of the Advisory Board of International Journal of Analytic and Numerical Methods in Geomechanics (2007-present). He has authored/co-authored six books and more than 200 technical papers. His research interests cover 'intelligent' rock mechanics and engineering, including intelligent recognition of models and parameters, stability analysis, global optimum design, disaster prediction and prevention in rock engineering; coupled mechanical – chemical – hydraulic process of rock masses; and radioactive waste disposal.