

Theme Lecture 3

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Theme Lecture Title

Conceptual Model of Enhanced Geothermal
System based on Excavation Technology
(EGS-E)



Dr. Tang, as a chair Professor (funded by Cheung Kong Scholar Programme from State Education Ministry), is the Director of the Center for Rock Instability and Seismicity Research (CRISR) of Dalian University of Technology. He was also the Vice President of the Chinese Society of Rock Mechanics CSRM, and the China National Group Chairman of International Society of Rock Mechanics. In 1984, he started his Ph.D research, in Northeastern University, Shenyang, P.R.China, and got his Ph.D in 1988. In 1991, he continued his post-doctoral work in Imperial College, London, UK (worked with Prof. J.A.Hudson). Then, as an academic visitor, he had lots of experience working in Canada, Sweden, Singapore, Switzerland and Hong Kong. He leads several major research projects in rock mechanics, especially on rock failure process analysis and monitoring in civil engineering. He is now appointed as a chief scientist for national 973 program for fundamental researcher (2014-2018). His work is funded by the "Trans-Century Training Programme Foundation for Outstanding Young Scholars in China" from the State Education Ministry and by the "Special Natural Science Foundation for Outstanding Young Scholars in China" from National Nature Science Foundation. So far, he has published about 200 technical papers on rock failure mechanisms and civil engineering, and is the author of six books of rock mechanics and the principle author of "Rock Failure Mechanisms" published by CRC Press, Taylor & Francis Group.