

## **Keynote 9**

**Professor Manchao He**

CUMTB, Beijing

### **Keynote Title**

**Geo-disaster Prediction With Double-blocks  
Mechanics Theory Based On Newton Force  
Measurement**



Professor Manchao He is currently an Academician in Chinese Academy of Sciences, Professor at China University of Mining and Technology, Beijing (CUMTB). He is also the Director of State Key Laboratory for Geomechanics and Deep Underground Engineering in Beijing, China. He is recognized as the leader of the Chinese Union for Mining Innovation (CUMI). And he served as the Vice President at Large of International Society for Rock Mechanics (ISRM), Chairman of ISRM Education Fund Committee, and President of ISRM Chinese National Group.

He received his Bachelor and Master Degree in engineering geology from Changchun College of Geology in 1981 and 1985 respectively, and obtained his Ph.D. in Engineering Mechanics from CUMTB in 1989. He got an Honorary Doctorate from University of Mons in Belgium in 2012. He mainly engaged in the research of Rock Mechanics and Engineering, including landslide, active fault stability analysis, monitoring and control, mining technologies, rockburst mechanism, etc. He has published 4 books and over 190 papers in technical journals and in conference proceedings. He also serves on the Editorial Board of several Journals, and received 5 National Prizes and awards in his career.