

Dr Nasekhian

Ali Nasekhian received his master degree in Geotechnics from University of Tehran in 2003, following his 5-year experience in a geotechnical consulting engineers in Tehran. Mr. Nasekhian gained insightful engineering knowledge and experience from a variety of ground engineering projects in Iran. In 2008 he began pursuing his doctorate degree in the field of Geotechnics at Graz University of Technology in Austria. In the meantime, Mr. Nasekhian has conducted extensive research in applying the Random Set Finite Element Method to a number of tunneling projects in association with ILF Consulting Engineers (Innsbruck, Austria):

- Railway Tunnel Project in Tragberg (Germany)
- Crossrail Bond Street Station Platform Tunnel in London
- Nivy Station in Bratislava
- Double tube tunnel in Maliakos (Greece)
- Twin cavern in a hydro power plant project (Switzerland)

Having acquired extensive experience in FE modelling of underground structures and the NATM (New Austrian Tunnelling Method) along with updated knowledge in reliability and uncertainty analysis, he moved to the UK in 2011 to join the Dr Sauer and Partners design team delivering a cutting edge FE modelling and geotechnical analysis in tunnelling for a series of large-scale on-going tunnelling projects in London such as the London Underground Upgrade and the well-known Crossrail projects. Dr. Nasekhian is a principal engineer in Dr-Sauer and Partners responsible for producing structural SCL design work and numerical analysis of the tunnel linings for the following projects from preliminary to the detailed design stage.

- Bond Street Station Upgrade Project, London Underground
- Tottenham Court Road Station Upgrade Project, London Underground
- Farringdon Station, Crossrail Project
- Auxiliary Shaft at Limmo Peninsula, Crossrail Project
- Bank Station Capacity Upgrade, London Underground