

Innovations in Hard Rock Tunneling for Civil & Mining Applications

Brian Khalighi
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WEDNESDAY, October 22nd at NOON in BB W210
- Lunch Provided -



In this presentation, Brian Khalighi will describe recent advances in hard rock tunnel construction, including ground support, tunnel lining, advanced logistics, shaft boring machines, and tunnel boring machines. Brian will provide a number of examples where such advances have been implemented and will also address the role of research and development in these developments.



Brian Khalighi is the Vice President of Engineering with Robbins, an international underground construction machinery developing and manufacturing company. He holds a bachelor's degree in Mechanical Engineering from Iran College of Science & Technology in Tehran and a master's degree from University of Aston in Birmingham, UK. Brian has over 25 years of continuous experience with the Robbins Company in the tunneling industry. He has held several positions throughout his career including TBM design engineer, TBM project engineer, TBM project manager, TBM product manager, disc cutters product manager, cutter division manager, and engineering manager. He has worked on projects around the world including the Kárahnjúkar Hydroelectric Project in Iceland and the Lötschberg Tunnel Project in Switzerland.

Currently Brian is working as Vice President of Engineering in the Robbins Company home office in Kent, WA.

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