



Tunnel Ventilation

Kirk H McDaniel, PE Principle Advisor Underground Mining Rio Tinto Copper Growth and Innovation

WEDNESDAY, April 2nd at NOON in BB 125

- lunch provided -





Kirk McDaniel - Principal Advisor Underground Mining, Rio Tinto Copper Growth and Innovation. McDaniel is a licensed Professional Mining Engineer with 29 years of diverse underground experience in the mining (precious metals, coal and industrial minerals environments) civil (road and rail transportation systems) and nuclear (repositories, safety) sectors. Mining experience includes: mine management, engineering, production, operations and safety. Kirk has extensive experience in the area of technology development & deployment change management, technology strategy development, qualitative and quantitative risk analysis, and project management. His engineering expertise includes underground ventilation (both mining and transportation oriented), safety, fire response, dust control, remote monitoring & control, discrete event modeling and emergency response. Kirk received his Bachelor of Science and Engineer of Mines (Master) degrees in Mining Engineering from the Colorado School of Mines as well as a Master of Business Administration degree from Regis University. He is a Registered Member of SME and a Qualified Professional for the Mining and Metallurgical Society of America. He has published over 25 papers in the fields of ventilation, dust control, fire safety, and educational reform. He has been an Associate Editor of Mining Engineering Magazine for the past 8 years, and has reviewed numerous technical papers. He recently collaborated on "Tunnel Ventilation", a dedicated chapter for the upcoming publication of the Environmental Handbook for the Mine Ventilation Society of South Africa.

