

Postdoctoral Researcher in Mining/Geotechnical/Geological Engineering

MIRARCO is a not-for-profit research corporation comprised of experienced professionals and students at all levels of post-secondary education, developing novel solutions to challenges facing the mining industry. This hybrid dynamic of academics and professionals helps advance the innovative research for which MIRARCO is well known.

Job Description:

MIRARCO is currently seeking a Postdoctoral Researcher in Mining/Geotechnical/Geological Engineering to contribute to the applied research project “Improved DFN Modelling for Engineering Applications”. The project, led by Dr. Eugene Ben-Awuah of Laurentian University, involves collaboration among several academic and industry partners.

The Researcher will focus on the theory aspects of improving discrete fracture network modelling for mining engineering applications, will lead validation studies, and will prepare academic papers reporting on the work.

Requirements:

- PhD in mining engineering, geotechnical engineering, geological engineering, or a related program
- Experience in geostatistics, numerical modeling of geological structures, and discrete fracture networks will be an asset
- Excellent interpersonal, verbal, and written communication skills
- Exceptional time-management, organization, and prioritization skills to meet deadlines
- Self-motivated with attention to detail

To Apply:

Please submit cover letter and resume to info@mirarco.org. Reference “**Postdoctoral Researcher**” in the subject heading. This position is conditional on funding. Applications will be accepted until the position is filled.