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Zero Harm and Twenty-first Century Mining: Taking advantage of digital technologies while understanding the technology limits in a human-centred future of work
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SIM 160902: Assessment of the ergonomics design of self-contained self- rescuer (SCSR) devices for use by women in mining
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SIM 170603: The reproducibility of digital x-ray ad analog x-ray readings for medical surveillance in the South African mining industry (SAMI) to determine the reproducibility of digital and analog chest radiography for detection of silicosis and silicosis plus pulmonary tuberculosis
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SIM 150601: Develop methodologies for the measurement of diesel exhaust emissions (DEE) and diesel particulate matter (DPM), Council for Scientific and Industrial Research (CSIR)
Improvement in monitoring of seismicity in a mining district, Council for GeoScience SAIMM: diversity and inclusion in the mining industry (DIMI) – keeping the conversation fresh, and moving forward, Golder Associates (Africa) (Pty) Ltd
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