

PUBLICATIONS

- F.J. Gonzalez, P.K. Kaiser, and M.S. Diederichs. 2025. "Loading system stiffness and bulking displacement demand imposed on support by violent progressive failure". 11th RaSiM Conference, Luleå, Sweden.
- F.J. Gonzalez, and M.S. Diederichs. 2025. "Modelling brittle failure in terms of the major principal vertical strain ε_1 ". EUROCK, Trondheim, Norway.
- F.J. Gonzalez, P.K. Kaiser, and M.S. Diederichs. 2024. "The influence of uniform and non-uniform strain rate distribution on brittle failure of pillar walls". EUROCK, Alicante, Spain.
- F.J. Gonzalez, and M.S. Diederichs. 2024. "The micromechanics of the progressive fracturing process in hard and strong polycrystalline rocks using PFC2D". 6th Itasca Symposium, Toronto, Canada.
- F.J. Gonzalez, P.K. Kaiser, and M.S. Diederichs. 2023. "Displacement and energy demand imposed by rapid bulking and tunnel shape change". 15th ISRM Congress, Salzburg, Austria.
- F.J. Gonzalez, P.K. Kaiser, and M.S. Diederichs. 2022. "Energy release resulting from sudden excavation shape changes during two-sided strainbursts". EUROCK, Espoo, Finland.
- F.J. Gonzalez, J.J. Vallejos, E. Rojas, and P. Landeros. 2022. "Evaluation of the seismic response of the rock mass using a model of seismic aftershocks of the epidemic type". *International Journal of Rock Mechanics and Mining Sciences* 150 (February): 104975.