

Ghazvinian, E, Garza-Cruz, T, Bouzeran, L, Fuenzalida, M, Cheng, Z, Cancino, C, and M. Pierce. (2020). "Theory and Implementation of the Itasca Constitutive Model for Advanced Strain Softening (IMASS)." in **MassMin 2020, Proceedings of the Eighth International Conference & Exhibition on Mass Mining**, Australian Centre for Geomechanics.

Bouzeran, L, Pierce, M, Andrieux, P, and E. Williams. "The role of rock mass heterogeneity and buckling mechanisms in excavation performance in foliated ground at Westwood Mine, Quebec," **J. S. Afr. Inst. Min. Metall.**, **120**(1), doi.org/10.17159/2411-9717/860/2020.

Garza-Cruz, T, Bouzeran, L, Pierce, M, Jalbout, A, and M. Ruest. "Evaluation of Ground Support Design at Eleonore Mine via Bonded Block Modelling," in **Ground Support 2019 (Proceedings, 9th International Symposium on Ground Support in Mining and Underground Construction**, Sudbury, Canada, October 2019), pp. 341–355. Perth: Australian Centre for Geomechanics.

Bouzeran, L, Pierce, M, Andrieux, P & Williams, E. "Accounting for rock mass heterogeneity and buckling mechanisms in the study of excavation performance in foliated ground at Westwood mine", in **Proceedings of the Ninth International Conference on Deep and High Stress Mining**, W Joughin (ed.), The Southern African Institute of Mining and Metallurgy, Johannesburg, pp. 29-44, https://doi.org/10.36487/ACG_rep/1952_03_Bouzeran

Bouzeran, L, Pierce, M, Jalbout, A & Ruest, M. "Stoping sequence optimisation at Eleonore Mine based on stress analysis through horizon scale numerical modelling", in **Proceedings of the Ninth International Conference on Deep and High Stress Mining**, W Joughin (ed.), The Southern African Institute of Mining and Metallurgy, Johannesburg, pp. 253-266, https://doi.org/10.36487/ACG_rep/1952_20_Bouzeran

Cumming-Potvin, D., J. Wesseloo, M. E. Pierce, T. Garza-Cruz, L. Bouzeran, S. W. Jacobsz, E. Kearsley. "Numerical Simulations of a Centrifuge Model of Caving," in **Caving 2018 (Proceedings of the Fourth International Symposium on Block and Sublevel Caving, Vancouver, Canada, October 2018)**. Perth: Australian Centre for Geomechanics.

Blanksma, D., L. Bouzeran, T. Garza-Cruz and L. Petersen. "Parking Ramp Construction over the LRT Station MSP International Airport," in **Proceedings, 65th Annual Geotechnical Engineering Conference (St. Paul, Minnesota, February 2017)**, pp. 151–161, J. F. Labuz and J. Skiles, Eds. Minneapolis: University of Minnesota, 2017.

Bouzeran, L, J. Furtney, M. Pierce, J. Hazzard and J. V. Lemos. "Simulation of Ground Support Performance in Highly Fractured and Bulked Rock Masses with Advanced 3DEC Bolt Model," in **Deep Mining 2017 (Proceedings, Eighth International Conference on Deep and High Stress**

Mining, Perth, Australia, March 2017), pp. 667–680. Perth: Australian Centre for Geomechanics, 2017.

Bouzeran, L., J. Furtney, J. Hazzard, J. V. Lemos and M. Pierce. "Advanced 3DEC Bolt Model for Simulation of Ground Support Performance in Highly Fractured and Bulked Rock Masses," in ***Ground Support 2016 (Proceedings, 8th International Symposium on Ground Support in Mining and Underground Construction, Luleå, Sweden, September 2016)***, E. Nordlund, T. H. Jones, and A. Eitzenberger, Eds. Luleå: Luleå University of Technology. 2016.

Le Goc, R., L. Bouzeran, C. Darcel and D. Mas Ivars. "Using Correlated Random Fields for Modeling the Spatial Heterogeneity of Rock," in ***EUROCK 2015 (64th Geomechanics Colloquium, October 2015, Salzburg, Austria)***, ISRM-EUROCK-2015-096. ISRM, 2015.

Vallejos, J. A., A. Brzovic, C. Lopez, L. Bouzeran, D. Mas Ivars. "Application of the Synthetic Rock Mass Approach to Characterize Rock Mass Behavior at the El Teniente Mine, Chile," in ***Continuum and Distinct Element Numerical Modeling in Geomechanics - 2013 (CD Proceedings, 3rd International FLAC/DEM Symposium, Hangzhou, China, October 2013)***, H. Zhu, C. Detournay, R. Hart, and M. Nelson, Eds. Minneapolis: Itasca International Inc., 2013.

Bouzeran, L., C. Darcel and D. Billiaux. "Numerical Simulation of Fractured Rock Mass Behavior: Explicit Modeling of Joints," *Journées Nationales de Géotechnique et de Géologie de l'Ingénieur*, (JNGG2012), 829–836. 2012.