

PUBLICATIONS

Blanksma, D., Hazzard, J., Damjanac, B., Lam, T., & Kasani, H. A. (2022). Effect of Fault Reactivation on Deformation of Off-fault Fractures near a Generic Deep Geological Repository in Crystalline Rock in Canada, *J. Seismol.* doi.org/10.1007/s10950-022-10096-7.

Furtney, J. K., Blanksma, D., & Onederra, I. A. (2020). Using Machine Learning, Experimental Observations, and Numerical Modeling to Better Understand the Crushed Zone in Rock Blasting. In *Applied Numerical Modeling in Geomechanics 2020 (Proceedings, 5th International Itasca Symposium, February 2020)*, Paper 03-05. Minneapolis, Minnesota: Itasca.

Pettitt, W., Riahi, A., Hazzard, J., Damjanac, B., Blanksma, D., Varun, Furtney, J., Blankenship, D., Sonnenthal, E., & Kennedy, M. (2018). Conceptual Reservoir Design at Fallon FORGE Using Geomechanical Models with Natural and Induced Fractures. In *GRC Transactions (Proceedings, Geothermal Resources Council Annual Meeting & Expo, Reno, Nevada, October 2018)*, Vol. 42, GRC.

Riahi, A., Pettitt, W., Damjanac, B., Varun, & Blanksma, D. (2018). Numerical Modeling of Discrete Fractures in a Field-Scale FORGE EGS Reservoir. In *Proceedings, 52nd U.S. Rock Mechanics/Geomechanics Symposium (ARMA, June 2018, Seattle, Washington)*, ARMA 18-1197. Alexandria, Virginia: ARMA.

Blanksma, D., Blake, K., Pettitt, W., Sabin, A., Varun, & Damjanac, B. (2018). Using Borehole Induced Structure Measurements at Fallon FORGE Combined with Numerical Modeling to Estimate In-Situ Stresses. In *Proceedings, 43rd Workshop on Geothermal Reservoir Engineering (Stanford University, Stanford, California, February 2018)*, SGP-TR-213.

Ayling, B., Blankenship, D., Sullivan, P., Kennedy, M., Majer, E. L., Villavert, M., Sonnenthal, E., Tang, J., Dobson, P., Hinz, N., Faulds, J., Hammond, W., Mlawsky, E., Blake, K., Tiedeman, A., Sabin, A., Lazaro, M., Akerley, J., Nordquist, J., Sophy, M., Siler, D. L., Kaven, J. O., Phelps, G., Hickman, S., Glen, J., Williams, C., Robertson-Tait, A., Hackett, L., Pettitt, W., Riahi, A., Blanksma, D., Damjanac, B., Hazzard, J., Eneva, M., Witter, J. B., Queen, J., & Fortuna, M. (2018). Phase 2 Update for the Fallon FORGE Site, Nevada, USA. In *Proceedings, 43rd Workshop on Geothermal Reservoir Engineering (Stanford University, Stanford, California, February 2018)*, SGP-TR-213.

Blanksma, D., Bouzeran, L., Garza-Cruz, T., & Petersen, L. (2017). 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.

Tarokh, A., Blanksma, D., Fakhimi, A., & Labuz, J. F. (2015). Critical Pressure and Scaling in Cavity Expansion Tests. In *Proceedings, 49th US Rock Mechanics/Geomechanics Symposium (ARMA, San Francisco, June 2015)*, ARMA 15-746. Alexandria, Virginia: ARMA.

Lucarelli, A., Blanksma, D., Dasenbrock, D., & Petersen, R. (2015). The Effect of Tip Stiffness on Pile with Downdrag. In *Transportation Research Record: Journal of the Transportation Research (Proceedings, TRB 94th Annual Meeting, Washington, D.C., January 2015)*. No. 2511.

Fuoco, S., Oss, A., Lucarelli, A., & Blanksma, D. (2014). Evaluation of the Efficiency of Soft-Soil Improvement with Rigid Columns. In *Proceedings, 62nd Annual Geotechnical Engineering Conference (St. Paul, Minnesota, February 2014)*, pp. 119–130, J. F. Labuz and Z. D. Cotter, Eds. Minneapolis: Dept. of Civil Engineering, University of Minnesota.