
PUBLICATIONS

Pyatigorets, A. V., & Russell, D. B. (2020). Implementation of Advanced Numerical Solvers in *FLAC3D* Thermal and Fluid Implicit Formulation. In *Applied Numerical Modeling in Geomechanics 2020 (Proceedings, 5th International Itasca Symposium, February 2020)*, 13–05. Minneapolis, Minnesota: Itasca.

Abbasi, B., Russell, D., & Taghavi, R. (2013). *FLAC3D* Mesh and Zone Quality. In *Continuum and Distinct Element Modeling in Geomechanics — 2013 (Proceedings, 3rd International FLAC/DEM Symposium, Hangzhou, October 2013)*, Paper No. 11-02, H. Zhu, C. Detournay, R. Hart, and M. Nelson, Eds. Minneapolis: Itasca International, Inc.

Purvance, M. D., Russell, D., Potyondy, D., & Emam, S. (2011). Spatial Searching and Contact Detection in PFC 5.0. In *Continuum and Distinct Element Modeling in Geomechanics — 2011 (Proceedings, 2nd International FLAC / DEM Symposium, Melbourne, February 2011)*, Paper No. 14-01, pp. 783-790. D. Sainsbury et al., Eds. Minneapolis: Itasca International, Inc.

Wang, Z. J., & Russell, D. (2007). Effect of Forewing and Hindwing Interactions on Aerodynamic Forces and Power in Hovering Dragonfly Flight. *Phys. Rev. Letts.*, 99, 148101.

Russell, D. (2004). *Numerical and Experimental Investigations into the Aerodynamics of Dragonfly Flight*, Ph.D. Thesis, Cornell University.

Russell, D., & Wang, Z. J. (2003). A Cartesian Grid Method for Modeling Multiple Moving Objects in Two-Dimensional Incompressible Flow. *J. Comp. Physics*, 191(1), 177-205, October.