

Purvance, M. D., D. Russell, D. Potyondy and S. Emam. “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 14-01, pp. 783-790. D. Sainsbury et al., Eds. Minneapolis: Itasca International Inc., 2011.

Lorig, L., P. Cundall, B. Damjanac and S. Emam. “A Three-Dimensional Model for Rock Slopes Based on Micromechanics,” in *Proceedings, 44th U.S. Rock Mechanics Symposium (5th U.S.-Canada Rock Mechanics Symposium, Salt Lake City, June 2010)*, Paper No. 10-163. Alexandria, Virginia: ARMA, 2010.

Roux, J.-N., S. Emam, B. Chetouane, I. Agnolin, J. Canou, A. Corfdir, J.-N. Dupla, M. Sharifipour, C. Dano, X. Jia and P. Mills. “Matériaux granulaires modèles: Assemblage et propriétés élastiques,” in *Proceedings, 4ème Journées Sciences de l’Ingénieur du LCPC (Marne la Vallée, December 2006)*.

da Cruz, F., S. Emam, M. Prochnow, F. Chevoir and J.-N. Roux. “Rheophysics of Dense Granular Materials: Discrete Simulations of Plane Shear Flows,” *Phys. Rev. E*, **72**, 021309 (2005).

Emam S., J.-N. Roux, J. Canou, A. Corfdir and J.-C. Dupla. “Granular Packings Assembled by Rain Deposition: An Experimental and Numerical Study,” in *Powders and Grains 2005 (Proceedings, International Conference on Powders & Grains 2005, Stuttgart, Germany, July 2005)*, pp. 49-52. R. García-Rojo et al., Eds. London: Taylor & Francis Group, 2005.

Emam S., J. Canou, J.-C. Dupla and J.-N. Roux. “Geometry and Mechanical Properties of Rain-Deposited Granular Packings: Experiments and Simulation,” in *McMAT 2005 (CD Proceedings, 2005 Joint ASCE-ASME-SES Engineering Mechanics Conference, (Louisiana State University, Baton Rouge, June 2005)*. G. Voyiadjis, Ed.