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Research Area: Computational Geosciences



Brief Summary

I am a Peruvian civil engineer finishing my second year of Ph.D. at Curtin University under the supervision of Victor Calo. Currently, my Ph.D. project is focused on numerical modeling of localized deformation in geomaterials, related to the enhancement of current techniques for prediction of both deformation patterns in porous rocks and mineralization paths in geological formations.

Education: B.S. in Civil Engineering at the Catholic University of Peru (PUCP)

Research interests: Finite elements, stabilized methods, geomechanics

Thesis title: Computational modelling of compaction bands in geomaterials

Supervisors: Prof Victor Calo, A/Prof Ian Davies

Conferences: 15th USNCCM (USA, 2019), ECCOMAS YIC (Poland, 2019)

Links: <https://www.linkedin.com/in/rcier/>