



Pouria Behnoudfar

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Brief Summary

Pouria Behnoudfar is the PhD Candidate of Applied Geology at Curtin University. He is currently working on the localized large-amplitude deformations of geomaterials in presence of phenomena such as chemical reactions, diffusion, and fluid interaction. He has also worked on numerical modelling of dynamic problems, phase-field, and geomechanical concepts related to petroleum engineering. He has published several peer-review journal papers and is a member of SPE.

Education:

He got his bachelor and master degrees in petroleum engineering in Iran.

Research interests:

Numerical Analysis, Geomechanics, Multiphysics modelling, Phase field modelling, Dynamic problems.

Thesis title:

Folding and Coupled Mineral Reactions

Supervisors:

Professor Victor M. Calo, Professor Andrew Putnis

Publications:

https://www.researchgate.net/profile/Pouria_Behnoudfar