

Amin Chamani [PhD]

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Birjand, Birjand, Iran

Curriculum Vitae

Name: Amin

Family name: Chamani

Nationality: Iranian

Language Efficiency: Persian (Native), IELTS (7)



Present Position:

Assistant Professor at University of Birjand, Faculty of Engineering,
Department of Mining Engineering (Since Sept. 2015)

Educational History:

[September 2000- September 2004]

Bachelor degree, University of Birjand (Birjand, Iran) in Mining-
Engineering Department,

Graduated as the first rank student in the class with GPA of 18.4 (out of
20).

[September 2004- February 2007]

Master degree, Amirkabir University of Technology (Tehran Polytechnic,
Tehran, Iran), Rock Mechanics division,

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Graduated as the first rank student in the class with GPA of 17.9 out of 20).

[January 2010 - June 2013]

PhD degree (research-based, Petroleum Engineering) in the Department of Petroleum Engineering at Curtin University of Technology.

Honors and Awards

- ✓ CIPRS full scholarship (Curtin University of Technology) for PhD Degree,
- ✓ Top Student among the students of Master degree
- ✓ Top Student among the students of Bachelor Degree.

Title of PhD Thesis

“Elastic and Elastoplastic Finite Element Simulations of Injection into Porous Reservoirs”

Selected Publication

- Chamani, A., Rasouli, V., 2018, “Computational and Programming Aspects of Transition Elements in a Three-dimensional Finite Element Program”, International Journal of Mining and Geo-Engineering.

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- Chamani, A., and Rasouli, V., 2013. "A 3D elasto-plastic FEM program developed for reservoir Geomechanics simulations: Introduction and case studies". International Journal of Mining and Geo-Engineering
- Chamani, A., and Rasouli, V., 2013. "Wellbore associated problems due to gas injection into non-horizontal structures", Journal of Mining & Environment.
- Chamani, A., and Rasouli, V., 2011. 3D numerical simulation of injection into a porous natural gas storage, Australian Petroleum Production Exploration Association Limited, APPEA Journal 2011.