

Mohsen Karimi

Department of Chemistry and Chemical Engineering
Chalmers University of Technology
412 96, Gothenburg, Sweden

Cell: +46 070 540 1274
Email: mohsen.k@chalmers.se
[ORCID ID](#)

SUMMARY STATEMENT

Researcher in Computational Fluid Dynamics with a passion for turbulent multiphase systems and programming. Over ten years of experience developing and applying CFD models for a wide range of problems in chemical and process engineering fields.

EMPLOYMENT HISTORY

<i>Postdoctoral Researcher</i>	<i>2017 - Present</i>
Department of Chemistry and Chemical Engineering Chalmers University of Technology	Gothenburg, Sweden
<i>Postdoctoral Researcher</i>	<i>2014 - 2017</i>
Department of Applied Science and Technology, Politecnico di Torino	Turin, Italy

EDUCATION

Ph.D. in Extractive Metallurgical Engineering Process Engineering Department University of Stellenbosch	<i>December 2013</i>
Dissertation: "CFD Analysis of Solid-Liquid-Gas Interactions in Flotation Vessels"	Stellenbosch, South Africa

SKILLS

Pre-processing: Proficient in Design Modeller and GAMBIT, familiar with SALOME and Blender.

CFD codes: Proficient in OpenFOAM and Fluent.

Post-processing: Proficient in CFD-Post and ParaView.

Programming: Proficient in C++ and MATLAB, experienced with Python.

Design of Experiments: Proficient in Design Expert, MiniTab, Qualitek.

Mineral processing tools: Experienced with MODSIM, familiar with JKSimMet.

REFERENCE

Ronnie Andersson (ronnie.andersson@chalmers.se), Associate Professor, Department of Chemistry and Chemical Engineering, Chalmers University of Technology, Gothenburg, Sweden.