

## **ASHKAN JAHANBANI GHAHFAROKHI**

(Associate Professor- Reservoir Engineering)

### **Education**

- 2015, PhD in Petroleum Reservoir Engineering, NTNU Trondheim
- 2009, MEng. in Petroleum Reservoir Engineering, University of Calgary, Canada
- 2008, M.Sc. in Petroleum Reservoir Engineering, Petroleum University of Technology, Iran
- 2006, B.Sc. in Petroleum Reservoir Engineering, Petroleum University of Technology, Iran

### **Research**

- 2017-2018, Post-Doctoral Research at NTNU, Modeling wettability alteration.
- 2015-2017, Post-Doctoral Research at VISTA (Norwegian Academy of Science and Letters), Polymer Gels for EOR.
- 2010-2015, PhD Research at NTNU: Well Test Analysis
- 2007-2010, Different projects in reservoir and production engineering, Fluid flow, PTA, RTA, etc.

### **Teaching**

- TPG4145 - Reservoir Fluids and Flow (Spring 2019)
- TPG4115- Reservoir Property Determination by Core Analysis and Well Testing (2012-2016)
- TPG4117- Unconventional Reservoirs (2012-2014)
- TPG4177- Carbonate Reservoir Characterization (2012-2014)

### **Current and Future Research**

- Smart Water Flooding
- Modern Well Test Analysis
- Smart Proxy Modeling