

## **IMPEE PhD Opportunity**

Project title: Organic Scale Formation and Inhibition  
Supervisor(s): Dr Robin Westacott and Prof. Ken Sorbie

### **Abstract**

Organic scale forms during oil production from organic acids found in crude oil and their interactions with metal ions in seawater or produced water. This project is a combined experimental and simulation study of the formation of these scales and possible inhibition mechanisms. It will focus on what are the characteristics of the acids that dictate their relative ability to form scale at the oil/water interface.

### **Requirement**

BSc/MChem/MEng Chemistry or Chemical Engineering at Upper Second Class or equivalent. Some programming experience would be helpful, but not essential.

### **Other info**

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