



## Joint Technical Seminar

### ProTechnics: Chemical Tracers in Oil & Gas

**Friday, March 24th, 9:00 – 12:00 PM 2017 @ Marquez Hall, Room 108**

**Cost:**

\$10 (Paid in the PE Department)

*Speaker Bio*

Claudio Ramos from Corelab-ProTechnics will be teaching a short course on chemical tracers in the oil and gas industry. He is currently the Rocky Mountain region engineer advisor for ProTechnics based in Denver, Colorado. He has a bachelor's degree in Chemical Engineering from the University of Oklahoma, and within the last decade, his working experience has been in Cementing, Fracturing and Tracing Services.

An introduction to water, hydrocarbons and proppant tracers will be presented, along with their applications in the oil and gas industry to the analysis of completions and production optimization. Other aspects of chemical tracers that will be covered in this presentation are: fit for purpose designs, evaluations, and how these chemical tracers are deployed, elaborating on the expectations from a chemical tracer analysis.