Advanced IPM Practical Workshop
(using Prosper, GAP & MBAL)

Date: Location:

Objectives & Workshop Content

The objectives of this advanced workshop are to build on the basic principles of IPM modelling in order to develop, analyse and troubleshoot more complex well and field models or situations and to share this knowledge amongst the various company disciplines (production/reservoir/facilities engineers and field staff).

The workshop will provide a refresher of the physics and knowledge behind integrated field modelling and will focus on practical problem solving methods and techniques, including tips and tricks and advice.

Topics will include proper data validation techniques, well test and IPR matching, artificial lift well design and diagnosis and the building, matching and validation of surface network and reservoir models.

All attendees are required to bring along field data and/or *Prosper*/*GAP*/*MBAL* examples for the group to discuss, analyse and review. It is intended to cover a variety of field examples from the company globally.

The workshop will conclude with a discussion on how the company can establish a knowledge base or network to capture and share learnings between engineers in different locations.

Attendees

This workshop is intended for those engineers who have already attended an introduction to IPM modeling course and have practical experience of building and analysing well and network models.

A short refresher will be provided for those with limited experience of using *Prosper, GAP* or *MBAL.*

Agenda

Day 1 : Natural flow and artificial lift well modelling (*Prosper*)

Day 2 : Artificial lift well modelling (*Prosper*)

Day 3 : Network systems modelling (*GAP/Prosper*)

Day 4 : Reservoir modelling & prediction (*MBAL/Prosper*)

Day 5 : Full field forecasting (*GAP/Prosper/MBAL*)

Note: Each day will include practical workshop sessions illustrating the application of theory to well, reservoir and surface network models. Participants are encouraged to bring data and examples to interpret and analyse.