Topics include:

**Day 1**

*Advanced Well Testing Interpretation*
- Objectives of test
- Well testing in carbonate formations
- Effect of well acidisation
- Derivative diagnostics and applicable models
- Low permeability reservoirs
- Multiple natural or hydraulic fractures
- Fracture network models
- Linear flow regime
- Enhanced well testing including production logging
- Layered reservoirs
- Rate dependent skin in high rate gas wells
- Integration of well test, petrophysical and core analysis data
- Log permeability transforms
- Reserve estimation from well tests
- Field examples
- Transient well deliverability

**Day 2**

*Advanced Wireline Formation Testing*
- Procedure for tight reservoirs
- Supercharging correction
- Advanced invasion model
- Pressure-depth diagram
- Gradient interpretation
- Oil rim reservoirs
- Fluid PVT characterisation
- New generation wireline formation testing
- Straddle packer module
- Mini-DST
- Integration with image logs
- Definition of the thickness of tested intervals
- Limitations of mini-DSTs
- Prediction of well deliverability
- Application of mini-DSTs in fractured reservoirs
- Examples from coal bed methane
- Exploration applications of pressure-depth data
- Differential depletion in produced reservoirs
- Material balance modelling
- Thin bed reservoirs
- Effect of cable creep on depth matching
- Importance of sampling