Training Course:

Integrated Reservoir Modeling: Interpretation, Evaluation, and Optimization with Petrel

10 - 14 June 2024
Liverpool (UK)

Training Course code: SC235150 From: 10 - 14 June 2024 Venue: Liverpool (UK) - Training Course Fees: 5775 □ Euro

Introduction:

The "Integrated Reservoir Modeling: Interpretation, Evaluation, and Optimization with Petrel" training program is designed for professionals in the oil and gas industry who want to gain proficiency in using Petrel for reservoir modeling and management. Participants will learn to interpret geological data, evaluate reservoir performance, and optimize production strategies using Petrel's powerful tools and features.

Objectives:

The primary objectives of this training program are to:

- Provide participants with a deep understanding of Petrel's capabilities for integrated reservoir modeling.

- Teach participants how to interpret and integrate diverse data sources for accurate reservoir characterization.

- Enable participants to create, update, and optimize reservoir models using Petrel.

- Enhance participants' reservoir simulation and production forecasting skills.

- Foster collaboration among multidisciplinary teams involved in reservoir management.

Target Audience:

This program is designed for the following target audience:

- Reservoir engineers and geologists.

- Petrophysicists and geophysicists.

- Production and operations engineers.

- Asset managers and decision-makers in reservoir management.

- Professionals who want to enhance their proficiency in Petrel software.

Outline:

Day 1:

Introduction to Petrel and Data Interpretation

- Overview of Petrel software.

- Importing and visualizing geological data.

- Core concepts of reservoir interpretation.

Day 2:

Reservoir Characterization and Modeling

- Building geological models in Petrel.

- Reservoir property modeling and upscaling.

- Defining reservoir compartments and flow units.

Day 3:

Dynamic Reservoir Modeling

- Introduction to dynamic reservoir modeling.

- Setting up and configuring reservoir simulations.

- History matching and reservoir performance evaluation.

Day 4:

Reservoir Optimization and Decision Analysis

- Production forecasting and optimization in Petrel.

- Economic evaluation and decision analysis.

- Integrating production data for reservoir management.

Day 5:

Advanced Topics and Case Studies

- Advanced Petrel features and plugins.

- Case studies and practical exercises.

- Q&A session and knowledge assessment.

Registration form on the Training Course:
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