

E-131

▲ Who should attend?

Geologists, Geophysicists and Engineers who need to acquire theoretical and practical knowhow on 3D Seismic Data Interpretation, by using a 3D Seismic Interpretation Software.

Participants must be familiar with geological concepts and classical seismic interpretation.

▲ Duration

10 days

▲ Sessions in English

April 26 - May 07, 2010
Rueil-Malmaison (Paris)

French sessions: F-131

▲ Registration

Fees: € 4,580

Contact:

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▲ Course Coordinator

Eric FAGOT

Ref. **GEP / SISINTERP**

3D SEISMIC INTERPRETATION

COURSE OBJECTIVES

To familiarize with 3D Seismic Data Interpretation. On completion of the course, participants will be able to:

- the seismic data to well, data,
- interpret 3D seismic data (horizon picking, fault handling...),
- generate time and depth maps,
- generate and analyze seismic attributes.

Workshop on PETREL™ software.

COURSE CONTENT

PRESENTATION OF THE GEOLOGICAL AND GEOPHYSICAL FRAMEWORK (CASE STUDY)

1 day

WELL TYING PRINCIPLE AND METHODOLOGY

WELL TYING WORKSHOP (SYNTHETIC SEISMOGRAM)

1 day

STRUCTURAL INTERPRETATION WORKSHOP

4 days

Interactive Horizon Tracking (Manually and Automatically)
Fault Handling (Manually, Triangulation, Projection)
Surface Modeling
Drawing of Isochron Maps (Time Maps)

STRATIGRAPHIC INTERPRETATION WORKSHOP

2 days

Analysis and Interpretation of Seismic Attributes (Dip, Azimuth, Amplitude...)
Use of Display Parameters
Visualization of the 3D Cube

DEPTH CONVERSION WORKSHOP

1 day

Velocity Modeling
Realization of Depth Maps
Time/Depth conversion of Data

SYNTHESIS

Maximum 14 attendees.

Workshop on PETREL™ software.

May be organized for a single company in french or in english.