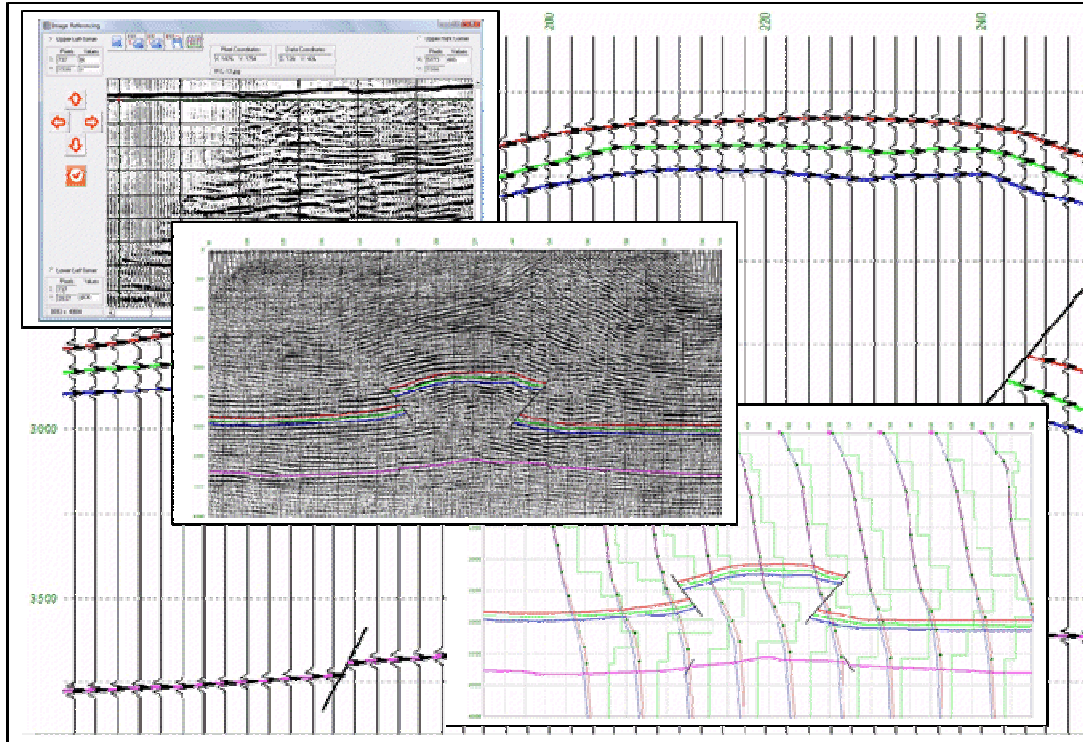


# GP-106: Seismic Interpretation



## Who Should Attend

Geophysicists, Geologists, Petrophysicists, Reservoir Engineers

## Overview

The course is specially designed for geologists and engineers. It provides a working knowledge of seismic techniques, with special emphases on seismic interpretation and its integration with petrophysical logs.

## Contents

- Overview of Seismic Imaging Techniques
- Seismic Processing for Signal to Noise Ratio Enhancement
- Seismic Temporal Resolution & Dynamic Range
- Seismic Displays and Visualization Standards
- Seismic Interpretation: Horizons and Faults
- Seismic Velocities and Time to Depth Conversions
- Tie-Points Handling
- Iso-Time and Iso-Depth Contour Maps
- Iso-Chrone and Iso-Pach Contour Maps
- Velocity Horizon Slice
- Synthetic Seismograms and Correlation with Seismic Section
- Shale Volume computation from GR Logs
- Velocity Inversion and Rock Physics
- Interpretation Workstations with auto-tracking tools