

EXPLORATION IN CARBONATE RESERVOIRS

TRAINING COURSE
(3 DAYS)

Course Description

This course focuses on understanding the main concepts and techniques used in the modern industry when exploring for carbonate reservoirs. The course will give an overview on the controls on the 3D geometries and internal organisation of carbonate platforms, on their seismic expression, on the petroleum systems associated to this play and on the key data and tools needed for assessing carbonate exploration prospects. The course is organised in a series of sections that will cover all the subjects starting from concepts and then using exercises based on subsurface datasets. During the course there will be an extensive discussion about case histories using subsurface data.

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Participants will learn to:

1. Characterize and confidently address the issues specifically related to the exploration of carbonate reservoirs
2. Integrate a variety of wireline log and stratigraphic data with seismic datasets through carbonate formations using sequence and seismic stratigraphic principles
3. Develop exploration concepts using knowledge of carbonate depositional facies and sequence stratigraphy
4. Evaluate trap styles, structural setting and the controls on reservoir quality in carbonate-dominated settings at a range of scales
5. Integrate datasets of various kinds to intelligently generate play concepts and generate parameters for use in carbonate prospect generation and evaluation

Participants

This course is targeted at geoscientists and allied disciplines engaged in petroleum exploration in basins where carbonate rocks are present. Ideally, the components of a subsurface team would greatly benefit from participating together.

The minimum number of participants to run the course is 4, while the maximum number is 8.

Instructors

The course will be run by Alberto Riva and Raffaele Di Cuia, part of the GEPlan Consulting team.

Alberto is a geoscientist specialized in exploration and development of carbonate reservoirs and adjunct professor of Petroleum Systems Modeling at the University of Ferrara. Alberto holds a PhD in stratigraphy and sedimentology from the University of Ferrara.

Raffaele is a geoscientist with more than 20 years' experience in the oil industry. He has worked and consulted for major to small independent oil companies in Africa, Europe, Middle East and the Americas. His main expertise is the related to the exploration and characterization of carbonate and fractured reservoirs. He was the chairman of the AAPG GTW2014 and GTW2016 meeting on Carbonate Reservoirs and his is active on the AAPG VGP (Visiting Geoscientist Program).

Location

The course will be run in GEPlan Consulting office in Ferrara (Italy). GEPlan office is easily accessible from everywhere due to its location close to the main transport routes and to international airports (Bologna, Venice). The course can be also run in other locations, if required by a minimum (5) number of participants.

Registration cost

The cost of the course (when run in GEPlan Consulting office) is 1.800 euro per participant. The cost includes the material presented during the course. When the course is run in GEPlan Consulting office it also includes coffee breaks and lunches.

About GEPlan Consulting

GEPlan is a consulting firm based in Italy that provides innovative and integrated geoscience consulting services for exploration and reservoir characterization activities to international E&P companies.

GEPlan also offer a series of training courses, field trips and seminars for petroleum industry professionals. Since 2004 we have run more than 50 courses & field trips with more than 700 participants working for international and national oil companies. Our training courses are run with innovative techniques of teaching and communication with original visual aids and materials. We have run field courses in Italy, France, Spain and Middle East with participants coming from all over the world.

for more information
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