SHORT COURSES:

Sedimentology and sequence stratigraphic response of carbonates to change in accommodation: predicting reservoir architecture. Duration 2-4 days. Leaders: R. Salas and T. Bover-Arnal.

OTHER SERVICES:

Petrological and geochemical studies of carbonates and evaporites, ornamental and building rocks.

Biostratigraphic attribution of non-marine Cretaceous and Palaeogene rocks, based on charophytes.

RESEARCH LINES:

BASIN EVOLUTION AND SEDIMENTARY MODELS
CARBONATES AND GEOFLUIDS
CONTINENTAL PALEOBIOLOGY
EVAPORITES
MARINE PALEOBIOLOGY
PETROLEUM GEOCHEMISTRY

FIELD SEMINARS:


The Aptian carbonate platforms of the Maestrat Basin: sequence stratigraphy, geometries, architecture, facies heterogeneities and relative sea-level drops. Leaders: T. Bover-Arnal and R. Salas

Tertiary-Mesozoic unconformity, paleokarst and fluid circulation in the Penedès basin. Leaders: V. Baqués and A. Travé

Middle Triassic microbial carbonates and its reservoir potential in the Catalan Basin. Leaders: R. Mercedes-Martín and R. Salas

Paleobotanical of the Carboniferous-Permian, Upper Cretaceous and Neogene of Catalonia. Leader: C. Martín Closas

Biostratigraphy of Cretaceous and Palaeogene charophytes. Leader: C. Martín Closas

Fault-related dolomites in Benicassim-Orpesa area. Understanding the dolomitization process and implications for the reservoir properties of the rocks and fault zones. Leader: J.D. Martín Martín

Eocene Petroleum System in the Southeastern Pyrenees. Leader: Albert Permanyer

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Recent Research linked to companies
Depositional models of the Upper Oligocene - Lower Miocene carbonate ramps from the Falcón Basin (Venezuela) as outcrop analogs for oil reservoir modeling. Repsol Exploración, S.A.

Diagenetic study of cements from Dulaan Uul (Mongolie). Areva NC.

Evaluation of Shale Gas & Oil Potential in the Palaeo-Proterozoic McArthur Basin, Northern Territory, Australia. Imperial Oil & Gas Project Pty Ltd.

Fault-related dolomites in Benicassim-Orpesa area. Understanding the dolomitization process and implications for the reservoir properties of the rocks and fault zones. ExxonMobil Global Services Company.


Microbial carbonates analogs for hydrocarbon reservoir characterization. Repsol Exploración, S.A.

Origin and distribution of cements in the platform facies of Shuaiba formation. Maersk Oil Qatar.

Oligocene-Miocene red-algal limestones of the Prebetic domain (SE Spain). Repsol Exploración, S.A.

Petrological and geochemical characterization of the Navarra potash basin. Geoalcalí S.L.

The Annot sandstones. Relationships between diagenesis and oressional tectonics. TOTAL.

The Pre-Messinian anoxic sedimentation in southeastern Iberia. Repsol Exploración, S.A.