

Finished projects 2014-2015

- **Systematic study on rock properties and the effect of the spherical pore inclusions in carbonates.**
Student: Pablo Arbelo; Tutors: Nina Gegenhuber, Juanjo Ledo (UB)
- **Reassessment of the “Tauch Mountain” (north-east Pyrenees, France) tectonic evolution.**
Student: Antoine Auzemery; Tutors: Eduard Roca (UB), Dominique Frizon de Lamotte
- **3D field model of the post-variscan sedimentary succession at the Nogueres (Pyrenees).**
Student: Andreu Badia. Tutor: Oriol Oms (UAB), José Ángel López, Eudald Mujal
- **Quantifying the impact of the structural uncertainty on static and dynamic reservoir models: The case of a mature oil field.**
Student: Carla Bárbara; Tutors: Patricia Cabello (UB), Alexandre Bouche (Emerson), Carlos J. Gordillo (Repsol)
- **Surface waves characterization of the Hontomin CO₂ geological storage site.**
Student: David Carrasco; Tutors: Beatriz Gaite, Beatriz Benjumea (ICGC)
- **Jurassic Sequence Stratigraphy Framework of the Barents Sea.**
Student: Alba Carrión; Tutors: Emilio Ramos (UB), Neil McDougal (Repsol)
- **Targeting recent faulting with high resolution seismic reflection in the Záncara River Basin (Cuenca, Central Iberian Zone).**
Student: Marc Collet; Tutor: Ramon Carbonell (ICTJA-CSIC)
- **Seismic imaging of the crustal structure of the transition from the Cantabrian to the Iberian Atlantic Margin.**
Student: Jorge Franco; Tutors: Montserrat Torné (ICTJA-CSIC), Ramon Carbonell (ICTJA-CSIC)
- **Tectonic structure of the Rivera Plate using multichannel seismic data acquired in the western Mexican margin (Tsuja Survey, 2014).**
Student: Estefania Górriz; Tutors: Rafael Bartolomé (ICM-CSIC), David Martí (ICTJA-CSIC)
- **Characterization of unconventional reservoir (Valle Medio del Magdalena, Colombia).**
Student: Yohn Hernández; Tutors: Ramón Carbonell (ICTJA-CSIC), Montserrat Torné (ICTJA-CSIC)
- **Tectonic-sedimentary evolution and hydrocarbon prospectivity analysis of the Provençal Basin, Western Mediterranean, Spain.**
Student: Jormary Jackson; Tutors: Josep Anton Muñoz (UB), Josep Giner (UB)

- **Structure and tectonic evolution of the Betic and Iberian Chains transition in the central part of the Valencia Province (Spain).**
 Student: Ángela Jiménez; Tutors: Eduard Roca (UB), Christian Blampied, Dominique Frizon de Lamotte, Geoffroy Mohn
- **Shallow subsurface shear wave velocity structure of the Zancara River Basin.**
 Student: Alberto López; Tutors: Beatriz Benjumea (ICGC), Beatriz Gaité
- **Geometrical and geological characterization of the continent to ocean transition in the Barents Sea. Comparison with the same transition in the Central Atlantic between Iberia and Newfoundland.**
 Student: Carla Martín; Tutor: Eduard Roca (UB)
- **Integrating geophysical datasets for shallow sediment characterization (Delta de l'Ebre).**
 Student: Iris París; Tutors: Anna Gabàs, Beatriz Benjumea (ICGC)
- **Synthetic forward modelling of diapiric salt structures in the Central High Atlas: evaluating the impact of lithology on seismic image resolution.**
 Student: Guillermo Prados; Tutors: Eduard Saura (UAB), David Martí (ICTJA-CSIC), Jaume Vergés (ICTJA-CSIC)
- **Determination of 3D velocity model through seismic tomography in the Zancara River Basin (Cuenca, Iberian Peninsula).**
 Student: Jana Sachsenhausen; Tutors: David Martí (ICTJA-CSIC), Ramon Carbonell (ICTJA-CSIC)
- **Electromagnetic Imaging of Gas Hydrates.**
 Student: Erick Emanuel SALAZAR; Tutor: Pilar Queralt (UB)
- **Integrated 3D geophysical study of the shallow subsurface of the Zancara River Basin (Cuenca, Spain).**
 Student: Sonia Sendín; Tutors: Joaquina Álvarez Joaquina (ICTJA-CSIC), Ignacio Marzán (ICTJA-CSIC)
- **Adding value to a field development decision process by assessing and using the interpretation and time-to-depth conversion uncertainties.**
 Student: José Silva; Tutors: Patricia Cabello (UB), Alexandre Bouche (Emerson), Ingrid Aarnes (Emerson), Carlos Mario Del Río-Chamarro (DONG Energy)
- **3D geological modelization of Vallès Basin (Catalonia). With geothermal applications.**
 Student: Pablo Valdearcos; Tutor: Juanjo Ledo (UB)
- **Tectonic setting influence on the petroleum system of the Alamein Basin (Western Desert, Egypt): 3D seismic study of the fault network.**
 Student: Andreu Vinyoles; Tutors: Oriol Oms (UAB), Eduard Remacha (UAB)