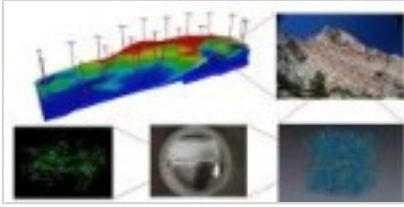


Presentation of the LFCR

Laboratory of Complex Fluids and their Reservoirs



- * Director: Guillaume Galliero
- * Approximately 90 people
- * Four research teams and two transverse lines of research
- * 2 Total chairs + 1 CNRS chair
- * 50 ACL per year
- * ~2 million euros of its own resources every year.
- * Created in 2003

From the nanometer to hundreds of kilometers, from the nanosecond to a million years, from the physics and chemistry of interfaces, through the thermodynamics of fluids under flow, to reservoir geology, geomechanics and geophysics, status as an “industrial” UMR (Joint Research Unit), supervised by TOTAL, the CNRS and the UPPA, the LFCR is an innovative and remarkable research unit in more ways than one. Its specific focus, essentially based on the study of fossil georesources, and totally in phase with the local socio-economic context, sets it apart regarding applications and enables it to host internationally-recognized teams.

The LFCR is a joint research unit attached to the UPPA, the CNRS and TOTAL. It is organized into four research teams:

- * “Interfaces and dispersed systems” led by Daniel Broseta
- * “**Thermophysical properties**” led by Hervé Carrier
- * “**Geomechanics and Porous media**” led by David Grégoire
- * “**Characterization of geological reservoirs**” led by Daniel Brito

and two transverse lines of research:

- * “Imaging”, led by Peter Moonen
- * “Multi-scale approaches” led by Guillaume Galliéro.

The LFCR is a member of the **IPRA** research federation (FR 2952)

The LFCR is a founder member of the **ISIFoR Carnot institute**.