Kick-Off Meeting – 2018
Fighting against global warming

From November 26, 2018 to November 26, 2018

Kick-off meeting (KOM) of the CO#ES chair, Monday, November 26, 2018, at the presidential amphitheatre

Global warming is one of the major concerns of humankind and scientists are pointing out the need to take measures to limit the emission of greenhouse gases into the atmosphere.

Carbon capture, use and storage (CCUS) aims at reducing the concentration of CO# in the atmosphere and CO# storage is a promising action. Various mechanisms contribute to the storage of CO# in a reservoir, as a function of time.

The CO#ES Industrial Chair focuses on the storage of CO# by dissolution in deep aquifers, to understand its speed and efficiency compared to instability and other effects. CO#ES aims at improving our understanding of the CO# capture and reactive transport processes involved in the geological storage of CO# in order to design large-scale, more efficient and safer projects. The proposed research activities will be developed by two post-doctoral and four PhD students, in close collaboration with industrial and institutional partners as well as international researchers.

Meeting schedule

* 9h00: welcoming of participants,
* 9h10: Gilles Piaudier-Cabot – The E2S project,
* 9h30: Fabrizio Croccolo – The Industrial Chair CO#ES,
* 9h50: Anne Brisset – The CCUS program of TOTAL,
* 10h10: Mohamed Azaroual - The BRGM,
* 10h30: coffee break,
* 10h50: Henri Bataller – PhD project on reactive transport,
* **11h10**: Fabrizio Croccolo - PhD project on convective dissolution,
* **11h30**: Samuel Marre - Experiments on chips.

Room 9 of the science and technology building:
* **12h30**: lunch

Seminar room, IPRA building:
* **14h00**: round table,
* **16h00**: KOM ends.