



ZIP-Zooming in between Plates

a European Marie Curie initial Training Network

Short-course: Fractures and overpressures development in tectonic wedges

June 4 and 5, 2015

At IFPEN (IFP Energies nouvelles), Rueil-Malmaison

Thursday June 4 (Room CB-132b)

- 10-10.30 **Andreas Ehinger: Welcome address and presentation of IFPEN**
- 10.30-11 Short introduction of each participant
- 11-12 **Nadine Ellouz: Seismic imagery of active accretionary wedges (Makran-Pakistan and Sinu-Colombia)**
- 12-12.30 **Nadine Ellouz: Active tectonics and geo-fluids in Haiti (aims of IODP/ICDP drilling proposals)**
- 12.30-14 Lunch buffet
- 14-16 **Romain Darnault: Sand box models and X-ray tomography of compressional systems**
(talk + visit to the lab)
- 16-17 **Jean-Marc Daniel: Interactions between fractures and diagenesis (case study from Iranian Zagros)**

Friday June 5 (Room H-245)

- 10-12.30 **William Sassi and Josselin Berthelot: Geomechanics and modeling of décollement levels in orogenic wedges**
- 12.30-14 Lunch buffet
- 14-15.30 **François Roure: Subthrust reservoirs appraisal (SUBTRAP): From paleo-thermo-barometers to fluid flow and pore fluid pressure modeling in tectonic wedges (Albania, Venezuela and Canada)**
- 15.30-16.30 Final discussions and farewell