

## **Report on activities during my stay at ERI from Thursday May 19th to Saturday May 28th – A. Schubnel**

- Proofs of our paper with Yamashita-san, a collaboration started during my first stay in 2013, were corrected during my stay. The loop circle is closed and the paper is now finally online: Yamashita and Schubnel, *Slow slip generated by dehydration reaction coupled with slip-induced dilatancy and thermal pressurization*, Journal of Seismology, 2016.
- I attended JpGU three days: Sunday (invited talk), Tuesday (international session co-convener with Saeko Kita and Keiko Kuge, and poster in the afternoon), and Thursday.
- I had work meetings with Hatano-san about a paper we are now working on, following experiments performed during and after his stay in Paris November 2014. We also discussed about a project we have submitted to ANR (french fundings), in collaboration with physicists in France (ENS and Institut Langevin). The chances of fundings are quite high, and a PhD project is already funded. The collaboration is taking off.
- I had a day work meeting with two French PhD. students, working with me in Paris, and who came to Japan for the first time and were both giving their first talk at an international conference the next day during JpGU.
- I had a long meeting with Kato-san (Aitaro) about his recent work and our recent work on earthquake nucleation. The discussion gave rise to many ideas. Maybe we can test some of these...
- I had an afternoon meeting with Hiraga-san's group (including students), during which I gave a talk on *Intermediate and Deep Earthquakes as seen from a laboratory perspective*. I hope I was not too boring...
- I greatly enjoyed being at ERI, as usual, also to catch up with some work I brought with me. ERI is truly a wonderful place! Many thanks Yamada-san for making my stay so enjoyable. I will be back!