

Visit of Jean-Francois Molinari to ERI, 7/9/15 to 20/9/15

This visit was my first visit to ERI, and to Japan. During the first week, I enjoyed several discussions with ERI researchers. In particular, I discussed with Professor Hatano recent ERI experimental results on rock friction, and the possibility of using discrete-element simulations to understand the velocity-dependence of friction by combining inertial and viscous terms. I am hopeful that those research discussions will lead to cross exchanges (and visits to Switzerland). I also wish to thank the International office for organizing a fun international lunch, during which I met several ERI staff.

The second week of my visit was fully taken by seminars and conferences. It started with the ERI International Meeting of Friction – from atomic to geophysical scales – organized by Professors Matsukawa and Hatano. In the second part of the week I took part in a Symposium dedicated to Science in Friction within the International Tribology Congress. Many high-level discussions and new ideas were stimulated during these venues, and I am thankful to the organizers for giving me the wonderful opportunity to participate and to build collaborations with ERI researchers.