

CARGÈSE 2023 SCHOOL ON SUBDUCTION ZONE PROCESSES

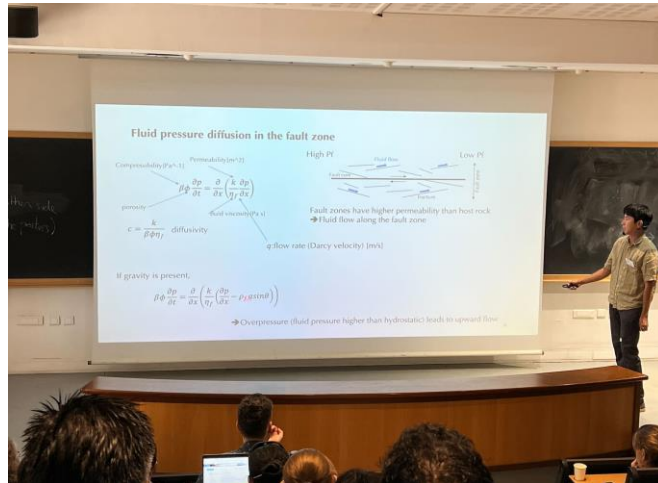
Oct 9-13, 2023, Cargèse (France)

I am Chengrui Chang, a postdoc at the University of Tokyo. I had the great pleasure to participate in the Cargese summer school in France as my first trip to Europe and present a poster on our research on fragmentation of granular flow. I am grateful to have received a travel grant from the Slow-to-fast Earthquake project that has taken care the airfares, registration, etc. This summer school is a very unique opportunity for me to learn subduction zone processes and slow earthquakes with many active specialists with a variety of expertise, including geologists, seismologists, geodesists, and geophysicists. It really can forge the efforts from different disciplines and come up with a broad overview of the processes in subduction zones. I believe that we obtained an overview of the current challenges in the study of active subduction.

The school lasted 5 days and there was a 2-day field trip before that. I joined the scientific sessions in Cargese. It is the amazing part of the scientific session that many perspectives have been presented by researchers. There were beautiful geological fingerprints for earthquakes in subduction zones, tectonic mélange, seismological observations, theoretical pieces, and numerical modelling for multi-scale dynamics. It really gave as a 3D version of “what is down here”. The geodetic measurements are intriguing, and the physical piece of the scaling relationships really draw a lot of attention in the audience. Each morning the sessions started with keynote talks. The keynotes did a great job of providing a backbone to the sessions. Following there were many exciting intermediate or short talks given by many early careers and students. In the middle of the oral sessions and end of the days, people gathered around posters and enjoyed great discussions. I thought it produced very good interactions between talks and speakers.

We also spent some time participating in seaside discussions for open science, international initiatives. The school provided young researchers with tutorials for state-of-art technics for DAS data analysis, deep learning, and GNSS analysis, which can be great help for us.

I appreciate the opportunity to have been engaging with colleagues in such a special and motivating way. I thank the organization for hosting us. And I acknowledge the organizers and staff for handling our travel to Cargese 2023 summer school.



Talks in the lecture room



Launch break and everyday seaside discussions



Group photo from the homepage of CARGÈSE 2023 SCHOOL ON SUBDUCTION ZONE PROCESSES