

Post Workshop Report: International Joint Workshop on Slow-to-Fast Earthquakes 2023

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Summary of Workshop

The International Joint Workshop on Slow-to-Fast Earthquakes 2023, which took place at Ito Hall, Ito International Research Center, Hongo Campus, The University of Tokyo, from September 13 to September 15, 2023, has been an exceptional experience for someone pursuing a Ph.D. in seismology like myself. It provided a stimulating platform for the exchange of knowledge, collaborative opportunities, and a deeper exploration of the intricate dynamics of earthquakes. Notably, this workshop held particular significance as it coincided with the centenary of the Great Kanto Earthquake, a stark reminder of the urgency of advancing our understanding of seismic phenomena.

Before the official workshop proceedings commenced, an early career event set the stage for engaging discussions and networking. The opportunity to present my poster to fellow early career researchers was invaluable, laying the groundwork for meaningful interactions throughout the workshop.

The scientific sessions were a highlight of the workshop, covering a wide spectrum of topics related to slow-to-fast earthquakes. As a Ph.D. student whose research centers on the effects of hydrological loading on seismicity, there were several presentations that offered a lot of insights and fresh perspectives to bolster my ongoing work.

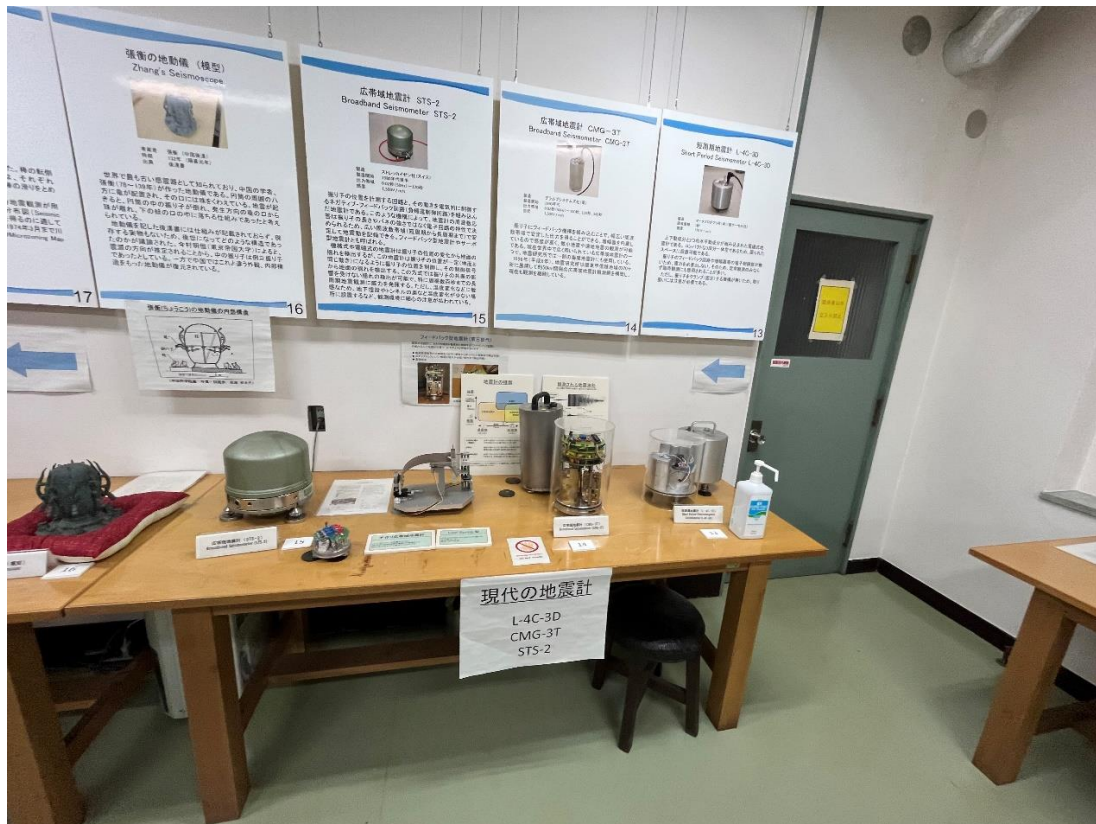


Figure 1: Seismograph museum in ERI

The poster sessions were a crucial component of knowledge dissemination and peer interaction. Engaging with fellow scientists allowed me to not only present my own research but also engage in insightful discussions on a myriad of topics.

The informal ice breaker event on the first day provided a relaxed setting for networking and forming connections. It was a delightful occasion to savor diverse cuisines while forging new friendships within the scientific community.

Additionally, during one of the workshop days, we were treated to a guided tour of the Tokyo University campus, including a visit to the Earthquake Research Institute. At the institute, we explored the Seismograph Museum, where we had the privilege of witnessing the evolution of seismography over the past century. The experience was both enlightening and humbling, allowing us to appreciate how far the field of seismology has progress in Japan.

The workshop's impeccable organization ensured a seamless experience for all participants, from scheduling sessions to logistical arrangements, enabling us to fully immerse ourselves in the scientific discourse.

Fieldtrip to Boso Peninsula



Figure 2: Uplifted terraces along the sea

One of the most memorable aspects of the workshop was the field trip to the southern area of the Boso Peninsula in Chiba Prefecture. This excursion aimed to look at the geomorphic records of the Great Kanto Earthquakes, including the 1923 and 1703 events. The itinerary included visits to Kenbutsu Beach, Shirahama, and Chikura, where we examined terraces, biomarkers, and marine terraces, offering invaluable insights into the geological history of the region.

In conclusion, the International Joint Workshop on Slow-to-Fast Earthquakes 2023 was a transformative experience for me. It provided a platform to exchange ideas, foster collaborations, and gain fresh perspectives on seismic phenomena. The field trip, coinciding with the centenary of the Great Kanto Earthquake, added a poignant dimension to the workshop. This experience has significantly enriched my academic journey, and I eagerly anticipate applying the knowledge gained to advance my research.