Hello everyone, I am Yi-Chin from Taiwan.

In 2017 summer, I visited Siberian tundra for recording bird sounds. Siberian tundra is the breeding ground for several rare bird species. During my stay in tundra, I was truly amazed by the magnificent avifauna in that place. My experience working on the tundra is absolutely wonderful, but I also realized how hard it is to do fieldwork in the tundra. Food, water, fire shelters, everything we take as granted in life are hard to find in the tundra. It is not only difficult, but also expensive to do bird surveys by human observers.

So after coming back from the tundra, I started to think about whether there is a method we can use to remotely monitor the bird activity. And I come up with the acoustic monitoring systems. Acoustic recorders is able to collecte audio files in a large spatio-temporal scales and it has been applied in many ecosystems. In 2019 summer, I plan to go back to Siberian tundra and set up the recording systems. I want to compare the detection performance of acoustic recorders and human observers. By doing this evaluation, applying the acoustic recorders for long-term monitoring is the ultimate goal.