Name: Hai Liu
Major Field: Environmental Studies
Academic Degree: D2
Tutor: Professor Motoyuki Sato
Group Name: Geosystems and Energy Sciences

Report of Academic Conference:
Name: IGARSS2011
Date: 2011/07/21 – 2011/08/09
Place: Vancouver (Canada), Beijing (China)
Title of Presentation: Robust estimation of dielectric constant by GPR using an antenna array
URL: http://igarss11.org/

Report:
I gave an oral presentation titled Robust estimation of dielectric constant by GPR using an antenna array. After my presentation on the subject of GPR, I received several valuable suggestions and comments from other researchers. And I attended the tutorial on polarimetric synthetic aperture radar (SAR) and learned a lot. Moreover, I discussed deeply with Dr. Ye from the Institute of Tibet Plateau, CAS in the poster session of the conference. Then she invited me and my professor Dr. Sato to visit her institute in Beijing. We held a seminar and discussed deeply on the future research cooperation on the application of radar technique to detect and monitor the ice thickness of the frozen lake and snow thickness on the glacier in the Tibet plateau.