

Report of experiences at the ISPRS Commission I Symposium

By Cheng-An Lin

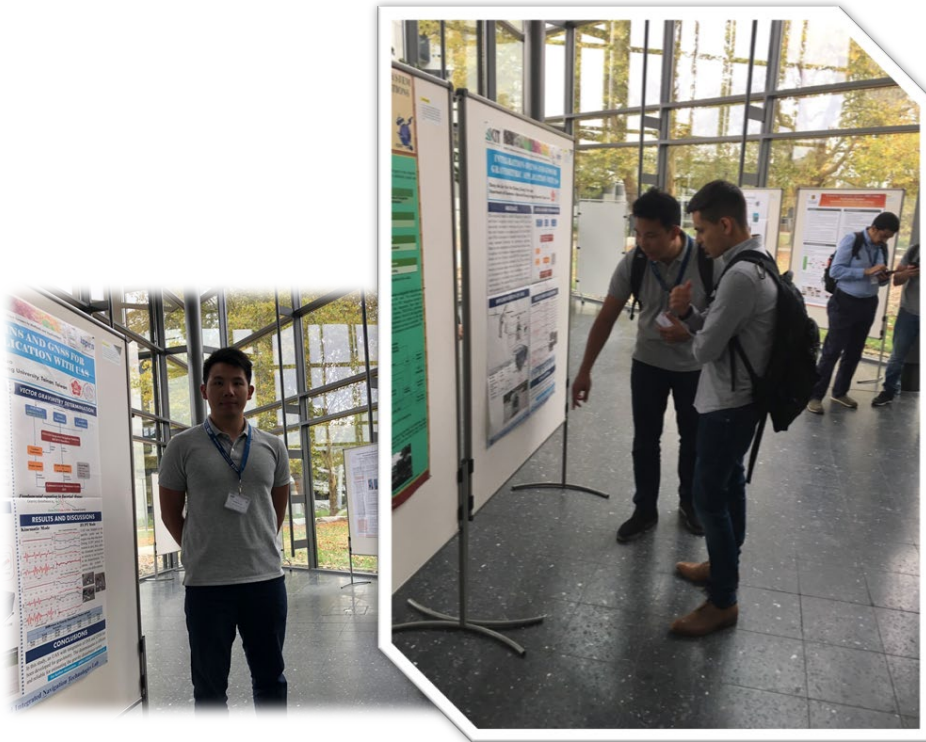
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It was my honor to attend the ISPRS Technical Commission I Midterm Symposium in Karlsruhe, Germany with the travel grants supported by The ISPRS Foundation (TIF). I would like to describe the impressions and benefits during the symposium as following.



First of all, my Ph.D. research is aim to develop the integrated system of inertial sensor and Global Navigation Satellite System (GNSS) for remote sensing and gravimetric applications. Therefore, I gained a lot from the ISPRS Technical Commission I Midterm Symposium because the symposium was designed to promote plenty of interaction between researchers and engineers from various fields of innovative sensing. It was a great experience for me to know more information and to learn important breakthroughs in sensor technology, novel methods and diversified applications.

There were many outstanding papers both in the technical and poster sessions of three-day symposium to present new researches, introduce new technologies, discuss current development and demonstrate sensor systems. Those papers related to my study area gave a lot of ideas to improve my methods and research. The important benefit that I gained from attending was exchanging ideas with every attendee and obtaining knowledge from every institute during my poster session.



On the other hand, the live-demo of multi-sensor vehicle (MODISSA) from Fraunhofer IOSB was the deep impression for me. The vehicle carries several sensors on the roof, and the sensor configuration can be adapted to the needs of related applications. 3D data can be acquired for wide area models and can be fused with imagery from the camera sensors. In the near future, the vehicle will be equipped with variety of sensors to implement the driver assistance system.



Finally, I would like to appreciate The ISPRS Foundation for all the supports to young researchers and students.