As a senior student at Wuhan University, I am honored to have received the ISPRS Foundation travel grant to attend the ISPRS Midterm Symposium in Changsha. This symposium has been incredibly enriching, and I would like to share the insights and experiences I gained during this event.

Firstly, attending this symposium has significantly broadened my international and academic perspectives. I had the honor of listening to academic presentations by renowned scholars such as Prof. Chen Jun, Prof. Christian Heipke, and Prof. Li Deren, where I gained insights into the cutting-edge technologies and development trends in the fields of photogrammetry and remote sensing. Furthermore, I am privileged to have engaged in exchanges and interactions with scholars and students from around the world, listening to their fascinating presentations and learning from their knowledge.

Secondly, this symposium helped me clarify my future research direction. The paper I presented at the conference focused on generating DSMs using implicit methods based on deep learning. Through Prof. Chen Jun's enlightening presentation on urban 3D reconstruction and Prof. Christian Heipke's excellent report on deep learning, I gained a deeper understanding of large-scale urban 3D reconstruction and the applications of deep learning in photogrammetry and remote sensing. I realized that I am particularly interested in using deep learning techniques for 3D reconstruction. In my future research, I plan to explore how deep learning can be employed for the detailed 3D reconstruction of large-scale urban scenes.

Thirdly, I gained a substantial amount of specialized knowledge and improved my language skills through this symposium. By attending numerous research presentations on various topics, I not only learned a great deal but also became acquainted with research areas that I was previously less familiar with. Additionally, I had the honor of delivering an oral presentation to introduce our recent work, which involved proposing the Deep-FG-DSM method. This method is an implicit approach based on deep learning for generating fine-grained DSMs. For more information about our paper, you can search for Deep-FG-DSM. As a student who is not very proficient in spoken English, preparing for this presentation and listening to others' presentations significantly enhanced my English listening and speaking abilities. Furthermore, interacting with scholars from around the world greatly boosted my confidence in using English for communication.

In conclusion, I gained a great deal from this symposium. I acquired a wealth of new knowledge, clarified my research direction, and improved my English listening and speaking skills. I encourage all aspiring individuals in the field of photogrammetry and remote sensing to participate in ISPRS Midterm Symposia and similar conferences. I believe everyone will find these experiences highly rewarding. Best wishes!

Yongmao Hou