Final report for my attendance of the XXIII ISPRS congress in Prague

Ivan Detchev, University of Calgary

I am currently an instructor in surveying and mapping in the department of geomatics engineering at the University of Calgary. At the time of the XXIII ISPRS congress in Prague I was wrapping up my PhD dissertation in digital photogrammetry. ISPRS is one of the highest rated international scientific organizations within the photogrammetric and the geomatics community. Attending the conference helped me gain valuable experience which I am certain will be beneficial for my career in academia.

My contributions
I was excited to have been accepted for an oral presentation at the Prague congress. My paper, #293 “Structural 3D monitoring using a new sinusoidal fitting adjustment”, was included in the ISPRS Annals. My presentation was within TC V WG V/1. It was a great privilege to finally be able to present in front of some of the most respected scientists in optical imaging metrology. In addition, I was a co-author on two contributions accepted to the ISPRS Archives: #2108 “A robust registration algorithm for time series UAV-image-based point clouds for change detection” (oral presentation), and #1127 “Latest developments of the ISPRS Student Consortium” (interactive presentation).

Presentations in education
Normally the majority of the conference presentations I attend tend to be about technical scientific research. This time I was also able to attend some presentations on education within the ISPRS related disciplines. Some of the presentations showed photogrammetric software or tools for teaching and learning purposes that took 10-20 years to develop. As a first year university instructor, I feel inspired by the work some of these academics have put into their courses, and it is my goal to follow in their footsteps.

ISPRS Student Consortium
I was also eager to attend the XXIII ISPRS congress in Prague, because I served as a secretary on the ISPRS Student Consortium. Part of my role in participating in the congress was to promote the organization among the student participants. For example, I co-chaired a Student Consortium sponsored panel discussion dedicated to career choices for students (e.g., academia vs. industry). The Student Consortium was also responsible for three technical sessions under the title “Youth Forum”, for which I had been one of the paper/abstract reviewers. In addition, the Student Consortium had a “general assembly”, where the new board members were voted in and certain issues pertaining to the future of the Student Consortium were discussed.

Many thanks to TIF and the White Elephant Club
I am very grateful to The ISPRS Foundation (TIF) for covering my congress registration and for the White Elephant Club for granting me a stipend. Without this financial help I would not have been able to attend and participate in this important scientific event. As I tell my colleagues – “I made it to the photogrammetry Olympics.” Thank you!