

ISPRS TC I SYMPOSIUM, DENVER, 2014

ISPRS Technical Commission I Symposium in conjunction with the Pecora 19 and IAG Commission 4 Symposium was held November 17 – 20, 2014 at the Renaissance Denver Hotel in Denver, Colorado, with great success for all involved and in attendance. The Symposium welcomed over 480 attendees from more than 25 countries around the globe, representing all the six continents, for a unique and thought provoking two and a half days of technical sessions. More than 190 speakers presented in 35 sessions ranging in topic from “*UAS and Data Analysis*” to “*Landsat and Sentinel*”, “*Land Cover Change*”, “*Mobile Mapping Technologies*” and many more.

The symposium theme, *Sustaining Land Imaging: UAS to Satellites*, carried throughout and particularly with the opening plenary session where Charles Toth, President ISPRS Technical Commission I, ISPRS/IAG Committee Chair, The Ohio State University, Tom Holm, Pecora Steering Committee Chair, U.S. Geological Survey EROS, and Dorota A. Grejner-Brzezinska, President IAG Commission 4, The Ohio State University, welcomed all attendees for an opening plenary titled “*Landsat: A Vision Realized!*” with Dr. Berrien Moore III, who gave a brilliant presentation on the importance of the Landsat Program to the Nation and the World.

From the 102 submissions to ISPRS TC I track, 62 were accepted for oral presentation, and from the 20 full-paper submissions ten passed the double-blind peer-review. The manuscripts in both the ISPRS Annals and Archives cover a broad range of topics related to remote sensing platforms and sensing technologies, providing a good review on recent developments in the state-of-the-art sensing techniques and methods of photogrammetry, remote sensing and engineering geomatics, as well as their applications to mapping and Earth Sciences. On the platform side, UAS and small satellite constellations have shown remarkable developments, generating unprecedented interest, and prompting sensor providers to better accommodate these remote sensing platforms. In particular, advancements in LiDAR technologies are noteworthy, as miniaturized laser sensors are in high demand. Research to exploit the new sensors and sensing capabilities offered by cooperating sensor platforms is rapidly increasing.

The symposium Technology Floor was also a bustling area of activity throughout the week. With industry developers, manufacturers, academia, government agencies, survey/mapping firms,

agriculture firms, and companies from UAS-related industries, the Technology Floor held two lunches for the attendees and the always popular Exhibitors' Reception. Over 35 Poster presenters also filled the Technology Floor and foyer with large format technical posters.

The closing plenary session, on Thursday, November 20th, "*Petapixel Computing for All: Transforming Remote Sensing in the 21st Century*" brought in a crowd for standing room for a fascinating presentation from Ms. Rebecca Moore, Founder of the Google Earth Engine & Earth Outreach, Google Inc. Moore demonstrated some of Google's most recent mapping tools to showcase some of the world's most pressing problems in environmental conservation, human rights and cultural preservation.

Finally, I would like to thank to all of the TC I WG Officers as well as symposium organizers from USGS, NASA and IAG for a creating a fantastic program that included high-quality scientific presentations, industry leading contributions and fascinating plenary discussions. I am grateful to all of the authors for creating an outstanding Symposium program and contributing to the ISPRS publications. The generous support for four students by the ISPRS Foundation is also greatly appreciated.

Charles Toth

ISPRS TC I President





