

ISPRS Sessions at the ASPRS IGTF 2017 Conference in Baltimore, Maryland

The ASPRS Annual Conference Imaging & Geospatial Technology Forum, IGTF 2017 was held 12-16 March in Baltimore, Maryland, in spite of a late winter snow storm. Predictions of 0.3 m of snow did not prevent over 600 participants from gathering for quality technical sessions, exhibits, workshops and impromptu musical performances.



Before and after the snow storm at the ASPRS-IGTF 2017 Conference in Baltimore, Maryland.



The Photogrammetric Ramblers are accompanied by incoming ASPRS President, Becky Morton.

Two ISPRS Special Sessions were held at the ASPRS IGTF 2017. Charles Toth, ASPRS President and ISPRS 2nd Vice President, organized an ISPRS Technical Panel Session on International Perspectives on

Geospatial Research with prominent speakers in photogrammetry and geospatial sciences, including ISPRS President, Christian Heipke, with a presentation on “Probabilistic Image Analysis for Topographic Applications”. Clive Fraser, recipient of the 2017 ASPRS Honorary Lifetime Achievement Award, provided an overview on “Camera Self-Calibration and UAVs: Important Considerations”. Editor-in-Chief of the ASPRS journal, *PE&RS*, Alper Yilmaz, discussed new methods for localization, “Geolocalization: Motion Mining in State Scale Maps”. Ahmed Shaker, Vice President, ISPRS Commission III "Remote Sensing" reported about novel application of LiDAR, “Potential Use of Multi-Spectral LiDAR in Land Cover Classification”.



Group photo of some of the speakers in the ISPRS Special Session. ASPRS Vice President, Tommy Jordan, ASPRS President and ISPRS 2nd Vice President, Charles Toth, ASPRS Journal *PE&RS* Editor-in-Chief, Alper Yilmaz, ISPRS President, Christian Heipke, and ASPRS Vice President, Anne Hillyer celebrated St. Patrick's Day at an Irish pub in Baltimore.

A second special session entitled, “National (ASPRS) and International (ISPRS) Perspectives of Geospatial Education, Training and Professional Development with Focus on SDI and Decision Support” was organized by Marguerite Madden, Chair of WG IV/6, Spatial Data Infrastructure: Internet of Things and Spatial Decision Support. The joint ASPRS Education and Professional Development Committee and ISPRS IV/6 session consisted of presentations by an invited panel of experts on geospatial education, training and professional development with a focus on developing skills for spatial data infrastructure (SDI). The session began with a video welcome from Suzana Dragicevic, Professor at Simon Fraser

University in Canada and Vice President of Commission IV, Spatial Information Systems. In addition to her ISPRS welcome, Dr. Dragicevic discussed spatial modeling learning materials for undergraduate students. Other speakers described opportunities for education, training and professional development related to SDI, Internet of Things and Spatial Decision Support Systems (SDSS). Highlights included descriptions of the NASA DEVELOP Program, NASA CubeSat Program, the USGS 3DP, National Map and Center of Excellence for Geospatial Information Science, STEM opportunities and challenges of Historically Black Universities and Colleges and the support of the global GEOINT workforce by the U.S. Geospatial Intelligence Foundation. The session closed with a question and answer period allowing participants to interact with the invited speakers. Copies of the presentations are being collected and will be posted on the WG IV/6, SDI: Internet of Things and Spatial Decision Support website.

<http://www2.isprs.org/commissions/comm4/wg6.html>



Group photo of NASA DEVELOP National Program representatives.