

LSGI scholars receive the 2016 Talbert Abrams Award of ASPRS

Dr. Bo Wu, associate professor of the Department of Land Surveying and Geo-Informatics, was selected as the First Honorable Mention recipient of the 2016 Talbert Abrams Award by the American Society for Photogrammetry and Remote Sensing (ASPRS) for his paper published in the society's journal Photogrammetric Engineering & Remote Sensing (PE&RS). The Talbert Abrams Award was established in 1945 to encourage the recording of current, historical, engineering, and scientific developments in photogrammetry.

Dr. Wu's paper entitled "Accuracy Analysis of a Dual Camera System with an Asymmetric Photogrammetric Configuration" was published in the March 2015 issue of PE&RS with co-authors Lei Ye and Yuansheng Yang. The paper describes a new asymmetric photogrammetric system combining a surveillance camera and a pan-tilt-zoom camera providing simultaneous wide field-of-view and localized high-resolution imaging capability in addition to the stereo measurement capability through the dual cameras. This asymmetric photogrammetric system provides enhanced vision capabilities that can be used in various applications such as object tracking, robotic exploration, and traffic monitoring.

A Postdoctoral Fellow of Dr Wu's research team, Dr. Han Hu, was the second Honorable Mention recipient of the 2016 Talbert Abrams Award for his paper "Reliable spatial relationship constrained feature point matching of oblique aerial images" published in the January 2015 issue of PE&RS.

The presentation of the award was held on 13 April 2016 at the Awards Ceremony during the ASPRS 2016 Annual Conference in Ft. Worth, Texas.

Founded in 1934, the American Society for Photogrammetry and Remote Sensing (ASPRS) is a scientific association serving over 7,000 professional members around the world. The mission of ASPRS is to advance knowledge and improve understanding of mapping sciences to promote the responsible applications of photogrammetry, remote sensing, geographic information systems (GIS), and supporting technologies. The journal PE&RS is the flagship publication of ASPRS. It has been ranked as one of the best journals in the field of Imaging Sciences, Photogrammetry, and Remote Sensing.