

October 16th, 2018

TIF TRAVEL GRANT REPORT – ISPRS TC I MIDTERM SYMPOSIUM INNOVATIVE SENSING - FROM SENSORS TO METHODS AND APPLICATIONS

This report aims to express my experiences at the International Society of Photogrammetry and Remote Sensing Technical Commission I Midterm Symposium on “Innovative Sensing - From Sensors to Methods and Applications”, held in Karlsruhe (Germany) from October 09th to 12th. The well-organized symposium comprised high quality level works divided in 22 oral presentations, 67 poster presentations, besides three keynote speakers and three different tutorials. It covered several research topics such as LiDAR, SAR, UAS, Mobile Mapping and Optical Images. The first day was aimed for the tutorials and the following days for the overall presentations as well as two social events.

I was one of the seven fortunately awarded with The ISPRS Foundation (TIF) travel grant, which made my participation in the symposium possible. In addition, Professor Stefan Hinz (president of Commission I) provided a reduction registration fee and GeoNumerics sponsored a free tutorial participation (T3 - Photogrammetric Methods in the Machine Vision Industry). As a participant, I had the great opportunity to meet, interact and exchange knowledge with renowned researchers. UAS, LiDAR, optical images, multisensorial data, different features for modelling and classification were some topics that called the most my attention. Opportunities like this enhances the desire to do more research and shows how different methods and methodologies can be applied in different researches areas, being possible to cite here the use of Photogrammetry in forensic science.

Finally, I would express again my sincere gratitude to TIF, especially to Dr. Stewart Walker who was representing TIF during the symposium, to Dr. Stefan Hinz and all the symposium organizers, to my advisors Dr. Nilton Nobuhiro Imai and Dr. Antonio Maria Garcia Tommaselli from São Paulo State University (UNESP) and to Dr. Eija Honkavaara my advisor in my internship at the Finnish Geospatial Research Institute, who are always supporting me.

Yours truly,



Gabriela Takahashi Miyoshi

Doctoral Student in Cartographic Sciences, São Paulo State University (UNESP)

Presidente Prudente, SP, Brazil

