

The Giuseppe Inghilleri Award

The Giuseppe Inghilleri Award (2012), sponsored by the Italian Society for Surveying and Photogrammetry (SIFET) is presented to a person who has significantly enhanced the applications of photogrammetry, remote sensing or spatial information sciences in the 4 years preceding the Congress.. The award consists of SFr 2,500 and a certificate. The winner of the award is **Yun Zhang**, Canada.



Dr. Yun Zhang holds a Canada Research Chair in Advanced Geomatics Image Processing, and a Professor in the Department of Geodesy and Geomatics Engineering at the University of New Brunswick (UNB), Canada. He is a highly successful researcher and innovator whose considerable achievements in the spatial information sciences have earned him an international reputation. Dr. Zhang developed a fundamentally new algorithm for automated fusion of high

resolution panchromatic (Pan) and low resolution multispectral (MS) images of modern satellites and digital aerial cameras to produce high resolution (pansharpened) MS images. The UNB PanSharp algorithm developed by Dr. Yun Zhang demonstrably stands out from all the pansharpening algorithms developed since the mid-1980s. Its novelty has been recognized by the patent community. The significant contribution of Dr. Zhang's algorithm to international spatial information sciences and its proven impact on global multi-disciplinary remote sensing applications has been demonstrated by the number of global users since 2003. It was recognized by AUTM as one of the top 100 successful research achievements in 2006, along with technologies from MIT, Yale, Stanford, Columbia, and Brown Universities.