

Staff Promotions of LSGI

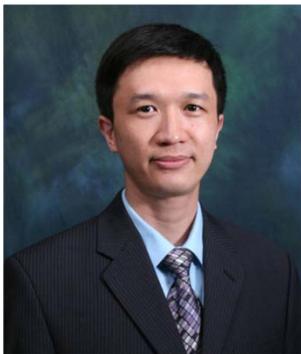
Congratulations to Dr George LIU and Dr Bo WU of the Department of Land Surveying and Geo-Informatics (LSGI). They have been promoted to Associate Professor with effect from 1 July 2015. Following are their details:

Dr George Liu, Associate Professor



Dr Liu is an internationally recognized specialist in the Global Positioning System (GPS)/Global Navigation Satellite System (GNSS) community. His MicroLARGE Lab mainly focuses on pioneering work in the areas of GPS/GNSS innovative algorithm development, lower atmosphere water vapor modeling, upper atmosphere ionosphere and space weather studies, which has impacted the international GPS/GNSS community and beyond. His innovative algorithm of GPS/GNSS cycle slip detection and repairing, fundamental for all the GPS/GNSS precise applications, is used by research groups worldwide. His work on ionosphere has revealed a two-decade-long anomaly associated with the GPS satellites broadcast ionospheric model and has a worldwide impact on the GPS/GNSS product manufacturing and user applications. As a Principal Investigator (PI), he secured RGC funding for three projects consecutively and one NSFC grant, in addition to many other projects as CoPI. He is the founder of the New GNSS Algorithms and Techniques for Earth Observations (nGATEo) biennial International Summer Course Series, which is funded by the Croucher Foundation during 2014- 2018. The Managing Editor of the Journal of Global Positioning Systems, Dr Liu is an invited reviewer for many journals/grants. He was also the President of the International Association of Chinese Professionals in Global Positioning Systems in 2013, and the international advisor to the US Institute of Navigation's (ION) Pacific PNT conference in 2015.

Dr Bo Wu, Associate Professor



After obtaining his PhD in Photogrammetry and Remote Sensing from Wuhan University in 2006, Dr Wu did postdoctoral research at Ohio State University in the US from 2006 to 2009, where he worked on NASA-funded projects for Mars and lunar exploration missions, and developed novel photogrammetric techniques for Mars rover localization and topographic mapping. Since joining PolyU in 2009, Dr Wu has developed innovative Lunar mapping approaches. Invited by the China Academy of Space Technology (CAST), Dr Wu worked on the landing site characterization and selection of the Chinese Chang'E-3 lunar exploration, which contributed to the successful landing of Chang'E-3 on the Moon in December 2013. Funded by CAST, Dr Wu is currently working on characterization and selection of the Chang'E-5 landing site and China's future mission to explore Mars. Dr Wu was the Vice President of the Hong Kong GIS Association, and currently serves as the Co-Chair of the Working Group II/6: Geo-Visualization and Virtual Reality of the International Society for Photogrammetry and Remote Sensing. Dr Wu was a recipient of the Duane C. Brown Senior Award from the Ohio State University in 2009 and the John I. Davidson President's Award from the American Society for Photogrammetry and Remote Sensing in 2014. He has secured a number of external research grants and published over 50 peer-reviewed research articles.