

Presentation Title: New Horizons in 3D Mapping for On-line Services

The recent innovation in on-line mapping has made the significant impact to the geomatics community. It changes the way people use and communicate with geospatial information and people do businesses. The presentation will share with audience the Microsoft vision on its Virtual Earth program. It will address new perspectives about 3D mapping and its uses for consumer applications. Dr Tao will present how 3D mapping becomes an enabling element for navigation, entertainment and social networking. Demonstrations of Microsoft new technologies will also be provided.

Biography: Dr. Vincent Tao

Dr. Vincent Tao is Director of Microsoft Virtual Earth, responsible for the technology and business development of Microsoft Virtual Earth program. Dr Tao is founder of GeoTango International Corporation, acquired by Microsoft in late 2005. Directed by Dr Tao, GeoTango has pioneered a suite of innovative technologies including **GlobeView**, an on-line 3D Earth visualization/streaming system, **SilverEye**, patented 3D modeling from single imagery and **SmartDigitizer**, the first commercial semi-automated image feature extraction software. Vincent received his PhD from University of Calgary in 1997 and worked as Associate/Assistant Professor at Univ. of Calgary from 1998-2001. From 2002-2005, He served as Canada Research Chair and Full Professor at York University in Toronto. Vincent has authored over 200 technical papers and a number of book chapters, and served as Editorial Board for five International journals. He has been honored with 26 awards and distinctions from organizations, including, ISPRS, ASPRS, SPIE, etc.

Vincent is married and has two daughters.

