

Kaynotes details:

(Listed according to the alphabetic order of the last name)

Title: Geo-Social Sensing for Urban Study and Social Management



Prof. Jianya Gong

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Abstract:

This presentation introduces the conception of Geo-Social Sensing, Geo-Social sensors including internet(social media), smartphone, navigation device, video surveillance, wearable device, the technologies for spatiotemporal data processing, Geo-social sensing applications in urban and environment study, social management system based on Geo-social sensing, finally, gives some conclusions..

Biography of Professor Jianya Gong:

Prof. Jianya GONG is Academician of Chinese Academy of Science, Dean of school of Remote Sensing Information Engineering, Wuhan University, China.

He studied as a PhD candidate at Wuhan Technical University of Surveying and Mapping, and Technical University of Denmark during the time period of 1988 – 1992 and got his Ph.D in 1992

Up to now Prof. Gong has experienced several professional careers in different countries. He worked as a lecturer at Department of Surveying and Mapping, East China Geology College from 1982 to 1988, and an Associate Professor at Department of Photogrammetry and Remote Sensing, Wuhan Technical University of Surveying and Mapping, from 1992 to 1995, and worked as a visiting professor at Department of Geography, University of Massachusetts, Boston, USA over the time period Oct.,1995 - Feb.,1996. He has been a Changjiang Chair professor, Deputy Director and Director at the State Key Laboratory of Information Engineering in Surveying, Mapping and Remote Sensing, Wuhan Technical University of Surveying and Mapping and Wuhan University from 1996-2016, and during that time period, he was invited as a visiting professor to work at Department of Surveying and Land Information, Hong Kong Polytechnic University from Mar.,1998 to Sep.,1998, a visiting

professor to work at Department of Geography and GeoInformation Science in George Mason University from Nov. 2008 to Feb. 2009.

Prof. Gong has been active in organizing international academic exchange. He was a secretary of ISPRS Commission III over the time period Sept., 1990 – July, 1992, a secretary of ISPRS Commission VI over the time period July, 1992 – July, 1996, a chair of Working Group of ISPRS WG IV/2(Federal Database and Interoperability) over the time period July, 2000 – July, 2004, a chair of Working Group of ISPRS WG VII/5(Multi Temporal Data Processing and Change Detection) and a co-chair of Academy Commission of ISPRS XXI Congress over the time period July, 2004 – July, 2008, a member of Working Group (Geographical Information Service) of ISO/TC211 over the time period May, 2003 - Nov., 2012, a chair of Working Group of ISPRS WG IV/4(Virtual Globes and Context-Aware Visualization) over the time period July, 2008- July, 2012. He was the president of the commission VI of ISPRS from July, 2012 to July, 2016, and the president of CPGIS from Aug. 2017 to July. 2018. He is a secretary general of Asia GIS Association from 2013.

His research interests include geospatial data structure and data model, geospatial data integration and management, geographical information system software, geospatial data sharing and interoperability, Photogrammetry, GIS and remote sensing application. He has undertaken 40 research projects and published 12 books and more than 500 scientific papers. He got the Dolezal Award of ISPRS, and 6 national awards and more than 10 other awards in China. The citations of his papers are more than 20,000.