



Geographical Big Data Analysis and Applications International Summer Program

July 3-7, 2015 Fuzhou, China

Background

Massive, heterogeneous and unstructured data sets are quickly acquired from sensors on the Internet of Things, earth observation and navigation, location-based services, social networks and crowd sourcing. Many of Big Data has a geospatial tag. New data processing and analysis methods are needed to deal with this new challenge.

The International Summer Program on Geographical Big Data Analysis and Applications (jointly with the 2nd IEEE International Conference on Spatial Data Mining and Geographical Knowledge Services, [ICSDM 2015](#)), will be held on 3-7 July 2015 at Fuzhou University, Fuzhou, China.

Big Data is bringing profound information revolution to how we live, work and think. Decision-making process is evolving from requirement-driven to data-driven. Significant change will also occur in how we conduct scientific research in fields such as earth sciences. The main objectives of this summer program are to discuss new technologies and illustrative applications of big data and data analysis/mining for geographical knowledge services. Internationally renowned pioneers in the field of data analysis/mining will cover a wide range of multidisciplinary topics. They will impart the knowledge and skills of young researcher and professionals working in the area. It will also provide an excellent opportunity to meet internationally well recognized scholars in data analysis/mining communities and young graduate students and scientists to strengthen the data analysis/mining research and applications, geographical knowledge service and decision support in Big Data era.

Lecturer	Title/Topic
Paul Longley	Big Data analytics and the global geography of family names
Domenico Talia	Parallel and distributed data mining techniques
Xindong Wu	Data analysis with big Data
Dashing Guo	Spatial Mobility and Multivariate Data Analytics, Visualization and Applications
Tahar Kechadi	Geographical big data analysis and cloud computing: Hadoop and MapReduce based approach

Biography of Lecturers



Paul Longley Prof. of Geographic Information Science at University College London, UK; Director of the ESRC Consumer Data Research Centre. A co-author of the best-selling book of GISs.



Domenico Talia Prof. of Computer Engineering and Chair of the ICT Center DIMES, University of Calabria and DtoK Lab, the former director of ICAR-CNR, Italy.



Xindong Wu Prof. of Computer Science, University of Vermont, USA, Fellow of AAAS and IEEE; Yangtse River Scholar; the Thousand Talents Plan Scholar.



Diansheng Guo Associate Prof., Dept. of Geography, University of South Carolina, USA; Joint-appointment Prof. at Fuzhou University; Director of Spatial Data Mining and Visual Analytics Lab .



Tahar Kechadi Associate Prof. of Computer Science and informatics, Investigator of the Insight national Centre for Data Analytics, University College Dublin, Ireland.



Venue The workshop will be held in Science Hall, Zhicheng College of Fuzhou University, Fuzhou City, Fujian Province, China.

Registration

The registration fees is 2000 Yuan; All registration fees should be paid before June 30, 2015. Registration fee of participants will cover: attending all lectures, obtaining lecture package, and coffee breaks and certificate. You are also entitled to attend the ICSDM2015 sessions to be an audience without additional payment.

Note: Space is limited and is first come first serve. Please apply and [register](#) for summer school program early.

Organized by National Engineering Research Center of Geospatial Information Technology
承办单位: 福州大学地理空间信息技术国家地方联合工程研究中心

Contact us: 13328269460 (Hongyu Huang\黄洪宇) ; 13655091007 (Ding Lin\林定) ; Fax: 0591-28308090 ; Email: icsdm2015@fzu.edu.cn