



- **Title:** Querying Big Data
- **Speaker:** Wenfei Fan
Professor of Web Data Management
LFCS, School of Informatics
University of Edinburgh
- **Time:** 2013-6-3, 15: 00-17: 00pm
- **Venue:** Tsinghua University building FIT multi-function hall

Abstract:

Big data poses new challenges to query answering, from computational complexity theory to query evaluation techniques. Several questions arise. What query classes can be considered tractable in the context of big data? How can we make query answering feasible on big data? Is MapReduce the best way for answering queries on big data? What should we do about the quality of the data, the other side of big data? This talk aims to provide an overview of recent advances in tackling these questions.

Biography:

Wenfei Fan is the Chair Professor of Web Data Management in the School of Informatics, University of Edinburgh, UK. He is a Fellow of the Royal Society of Edinburgh, UK, a Fellow of the ACM, a National Professor of the 1000-Talent Program and a Yangtze River Scholar, China. He received his PhD from the University of Pennsylvania, and his MS and BS from Peking University. He is a recipient of the Alberto O. Mendelzon Test-of-Time Award of ACM PODS 2010, the Best Paper Award for VLDB 2010, the Roger Needham Award in 2008 (UK), the Best Paper Award for ICDE 2007, the Best Paper of the Year Award for Computer Networks in 2002, and the Career Award in 2001 (USA). His current research interests include database theory and systems, in particular big data, data quality, data integration, distributed query processing, query languages, recommender systems, social networks and Web services.