April 13th, 2018.

Title: *Big Crisis Data*

Abstract:

Social media is an invaluable source of time-critical information during a crisis. However, emergency response and humanitarian relief organizations that would like to use this information struggle with an avalanche of social media messages, exceeding their capacity to process them. In this talk, we will look at how interdisciplinary research has enabled the creation of new tools for emergency managers, decision makers, and affected communities. These tools typically incorporate a combination of automatic processing and crowdsourcing. The talk will also look at methodological challenges of this type of research.

Link: http://bigcrisisdata.org/

Speaker's Bio:

Carlos Castillo is a Distinguished Research Professor at Universitat Pompeu Fabra in Barcelona. He is a web miner with a background on information retrieval, and has been influential in the areas of web content quality and credibility, and adversarial web search. He is a prolific researcher with more than 75 publications in top-tier international conferences and journals, receiving 10,000+ citations. His works include a recent book on Big Crisis Data, as well as monographs on Information and Influence Propagation, and Adversarial Web Search.

Carlos received his Ph.D from the University of Chile (2004), and was a visiting scientist at Universitat Pompeu Fabra (2005) and Sapienza Universitá di Roma (2006) before working as a scientist and senior scientist at Yahoo! Research (2006-2012), as a senior scientist and principal scientist at Qatar Computing Research Institute (2012-2015), and as director of research for data science at Eurecat (2016-2017). He has served in the Program Committee (PC) or Senior PC (SPC) of all major conferences in his area (WWW, WSDM, SIGIR, KDD, CIKM, etc.), and is part of the editorial committee of Transactions on the Web and Internet Research. He was PC Co-Chair of ACM Digital Health 2017 and 2016, and of WSDM 2014; co-organized the Adversarial Information Retrieval Workshop and Web Spam Challenge in 2007 and 2008, the ECML/PKDD Discovery Challenge in 2010 and 2014, the Web Quality Workshop from 2011 to 2014, and the Social Web for Disaster Management Workshop in 2015 and 2016. He is an ACM Senior Member, an IEEE Senior Member, and an advanced researcher accredited by AQU in Catalonia.