

IEEE Latvia Section

in association with Riga Technical University presents

Date:

October 25 of 2017

Time:

15:00-16:30

Location:

Daugavgrīvas Str. 2-220,
RTU Faculty of Computer Science
and Information Technology

Registration:

Free

<https://goo.gl/forms/jjo9mUy1Mm2CBHV12>

Topic:

Big Data Science as a Service

Speaker:

Prof. Sherif Sakr

IEEE distinguished visitor

Distinguished Visitors Program

with

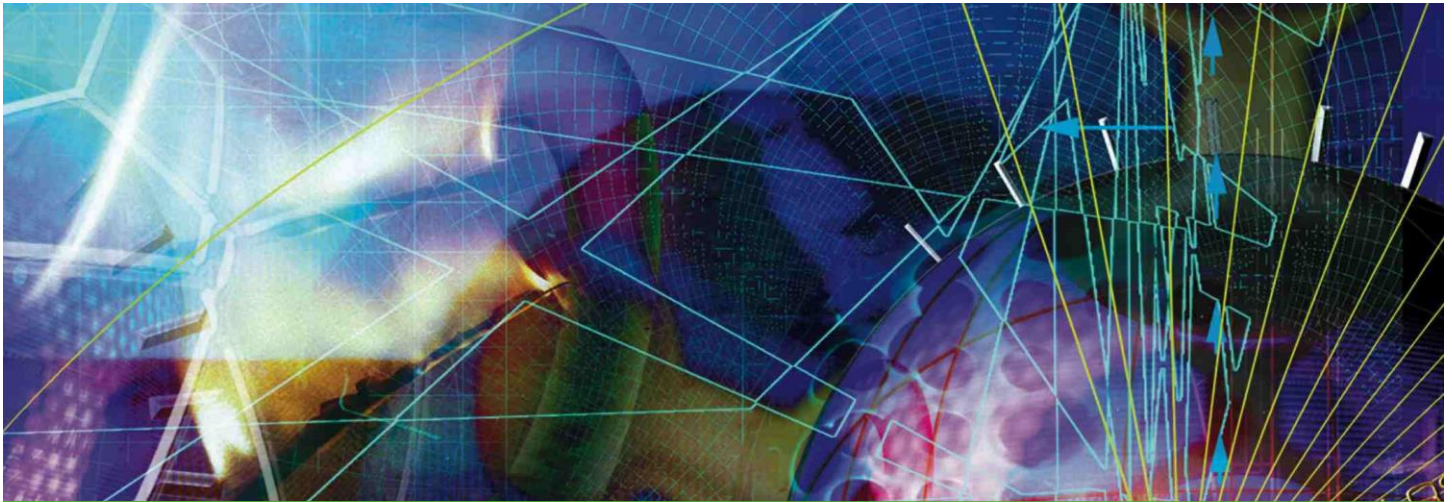
Prof. Sherif Sakr

*Department of Health Informatics, College of Public
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"Big Data Science as a Service"

Recently, big data science has emerged as a modern and important data analysis discipline. It is considered as an amalgamation of classical disciplines such as statistics, artificial intelligence and computer science with its sub-disciplines including database systems, machine learning and distributed systems. It combines existing approaches with the aim of turning abundantly available data into value for individuals, organizations, and society. Cloud computing represents a practical and cost-effective solution for supporting Big Data storage, processing and for sophisticated analytics applications. There will be the detailed analysis of the building blocks of the software stack for supporting and democratizing big data science as a commodity service for data scientists. There will be prov insights about the latest ongoing developments and open challenges in this domain.

Anyone who is interested (students, teachers, professionals from industry, etc.) in the topic is invited to the lecture!



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Prof. Sherif Sakr is currently a Professor of Computer Science at King Saud bin Abdulaziz University for Health Sciences. He is also affiliated with The School of Computer Science and Engineering (CSE) at University of New South Wales (UNSW Australia) and Data61/CSIRO (formerly NICTA). He received his PhD degree in Computer and Information Science from Konstanz University, Germany in 2007. He received his BSc and MSc degrees in Computer Science from the Information Systems department at the Faculty of Computers and Information in Cairo University, Egypt, in 2000 and 2003 respectively. In 2008 and 2009, Sherif held an Adjunct Lecturer position at the Department of Computing of Macquarie University, Australia. Prof. Sakr held a visiting Researcher/Professor appointments in international reputable research and academic institutes including Microsoft Research, Redmond, USA (2011), Nokia Bell Labs, Ireland - Formerly Alcatel-Lucent Bell Labs (2012), HumboldtUniversität zu Berlin, Germany (2015), University of Zurich, Switzerland (2016), Technical University of Dresden, Germany (2016). In 2013, Sherif has been awarded the Stanford Innovation and Entrepreneurship Certificate. Prof. Sakr's research interest is data and information management in general, particularly in big data processing systems, big data analytics, data science and big data management in cloud computing platforms. He is the Editor-in-Chief of Springer Encyclopedia of Big Data Technologies. He is also an editorial board member of many reputable international journals. Prof. Sakr is an ACM and IEEE Senior Member, and an ACM and IEEE Distinguished Speaker.