

NATIONAL UNIVERSITY OF SINGAPORE

School of Computing

I S S E M I N A R

Title: **Big Data and Smart Cities**

Speaker: Dr. Moutaz Haddara, Westerdals- Oslo School of Arts, Communication & Technology, Oslo, Norway

Date/Time: 16 August 2016, Tuesday, 12:30 PM to 02:00 PM

Venue: MR1, COM1-03-19

Chaired by: Dr Um Sungyong, Assistant Professor, School of Computing
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ABSTRACT:

In this seminar I will provide an introduction to the concept of smart cities and the various terms associated with it. I will then discuss the opportunities and challenges of smart cities, and the role that big data plays in supporting smart cities. I will give an overview of major smart city projects and big data research that I have been involved in.

BIODATA:

Dr. Haddara is an Associate Professor of Information Systems at Westerdals - Oslo School of Arts, Communication & Technology, Oslo, Norway, Adjunct Professor at SP Jain School of Global Management, and professor at TIAS School for Business & Society, Utrecht, Netherlands. Formerly, he has been an Associate Professor at the Department of Computer Science, Electrical and Space Engineering, Lule University of Technology (LTU), Sweden. Haddara works as a visiting scholar at several other institutions including the University of Agder (UiA), Norway. Haddara holds a PhD in Information Systems from UiA. He has more than 40 publications in the areas of big data, enterprise systems, smart factories, benefits management, and query optimization techniques. Haddara serves as an editorial and review board member for several information systems journals and conferences. He also works closely with the industry, and serves as an advisory council member for the Microsoft Dynamics Academic Alliance in EMEA regions. He also has served as a researcher and consultant for several international institutions, governments and NGOs including the European Union and the government of Egypt. His projects mainly focus on the areas of ERP systems and Big Data Analytics. The projects include funding from Egyptian, Finnish, German, Norwegian, and Swedish institutions. Currently, he serves as an external evaluator for technology related proposals for grants at the Egyptian Ministry of Communications and Information Technology. Haddara also holds managerial positions at the Swedish organisation Fursa International AB for human development and other foundations.