

ITeG Research Talk

Assoc. Professor Sian Lun Lau

Sunway University, Malaysia

„Bandar Sunway:
towards a Sustainable Smart City“



Sian Lun Lau is the Head of Department of Computing and Information Systems at the Faculty of Science and Technology at Sunway University in Bandar Sunway, Selangor, Malaysia. Prior to that, he was a Postdoctoral Researcher at the Chair for Communication Technology, University of Kassel, Germany. He obtained his Ph.D. degree (Dr.-Ing. in Computer Science) at University of Kassel in 2011.

Sian Lun Lau 's research interests are in the area of mobile computing, specifically dealing with topics such as context awareness, user-centric computing and activity recognition. He is particularly interested in applying unobtrusive approaches in bringing future technology to everyday life. Sian Lun Lau has been involved in projects and research related to various application domains such as telemedicine, communication, energy consumption optimisation and car2x. He is also interested in applying and improving algorithms for context awareness, such as meta-level classifiers and density-based clustering approaches.

Abstract:

In this talk, we wish to share the vision of a young city at the suburb of the capital city of Malaysia, Kuala Lumpur. Within 40 years, it has been transformed from an ex-mining land to an integrated city that comprises different services - property, business, hospitality, leisure, education, healthcare, etc. There are vast opportunities in integrating new technology, such as Internet of Things and big data, into the city and its services to achieve the goal to become a sustainable smart city. The talk will highlight existing and future ideas, and invite discussion and sharing of possible collaborations towards the goal.

Thursday, July 27, 2017, 10:30 a.m.

ITeG Research Center, R: 0420, Pfannkuchstr. 1, 34121 Kassel