

Optimization Seminar Series

University of
Lethbridge



Join **Sherin Abdelhamid**, Postdoctoral Fellow at the Telecommunications Research Lab of the School of Computing — Queen's University, as she explores

Towards Provisioning Vehicle-Based Information Services

Wednesday, March 11, 2015 | 11 am

C630, University Hall, University of Lethbridge

This talk first introduces the audience to the vehicular ad-hoc network (VANET) paradigm and to smart vehicles, unveiling the different resources a smart vehicle can provide on roads or at parking lots. For the rest of the talk, the speaker will present her proposed vehicular public sensing (VPS) platform that aims at exploiting the sensing, storage, processing and relaying resources of smart vehicles for provisioning ubiquitous, sensing-based information services. The talk covers recruitment and data delivery solutions, as parts of the VPS platform, highlighting the improvements achieved in their targeted objectives compared to other popular systems and schemes.

Sherin Abdelhamid is a Postdoctoral Fellow at the Telecommunications Research Lab of the School of Computing — Queen's University, where she received her PhD in 2014. She received her BSc and MSc degrees in computer sciences in 2005 and 2009, respectively, from Ain Shams University, Egypt. Her research interests include intelligent transportation systems, vehicular and wireless multi-hop networks, information-centric networks, and Internet of things. Sherin has several publications in top venues and is the winner of the best paper award of the AHSN symposium of GLOBECOM 2013.