

## **TELCOM 2011: Telecommunications Seminar**

### **SoNavNet: A Framework for Social Navigation Networks**

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Social networking has gained tremendous momentum recently. In the early years there were a few social networks but today the number of social networks is in the hundreds and is expected to further increase, especially with the ubiquity of mobile devices with social networking capabilities. While there are social networks for different purposes and applications, in this talk I will present mobile location-based social networks which emphasize “location” as the main theme and give an example of one being researched in the Geoinformatics Laboratory, called Social Navigation Network (SoNavNet). SoNavNet is a framework for developing mobile location-based social networks that meet the requirements of different applications. A prototype SoNavNet has been developed and will be demonstrated. I will provide two sample applications, one related to health called COMPANION and another for collecting pedestrian network data.