



The City as a Measurement Platform

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Abstract

Sensors are populating our lives, our cities, and our countries the use of low-cost sensor solutions can be used in the town as a measurement platform in a way that our lives can be improved and used to optimize natural resources and react to climate change and emergency occurrences. This talk will address this topic and discuss it in an integrated way, showing an example of a city living lab that was built in Aveiro, a city in Portugal with more than 40 stations built in the city to acquire data from different sources, including radars, software-defined radios, spectrum analyzers, and environmental sensors. A real-time experiment will also be presented.