Contribution ID: **40** Type: **not specified**

Better Cities through Imaging

Tuesday, 10 November 2015 14:00 (45 minutes)

I will describe how persistent, synoptic imaging of an urban skyline can be used to better understand a city, in analogy to the way persistent, synoptic imaging of the sky can be used to better understand the heavens. At the newly created Urban Observatory at the Center for Urban Science and Progress (CUSP), we are combining techniques from the domains of astronomy, computer vision, remote sensing, and machine learning to address a myriad of questions related to urban informatics. I will go through several specific methodological examples including energy consumption, public health, and air quality which can lead to improved city functioning and quality of life.

Summary

Presenter: DOBLER, Gregory (NYU CUSP)

Session Classification: Symposium