

# **Real-Time Entity Tracking Using Wide Area Surveillance Videos**

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Wide area persistent video surveillance provides new opportunities as well as new challenges for entities tracking and behavior analysis. Due the low frame rate and low resolution, detection and tracking of entities through real-world traffic conditions in an urban area is a difficult problem. In this talk, we will present our work in developing an end-to-end real-time entity tracking and analysis system for wide area surveillance videos and our VideoQuest system for archiving, retrieval and exploitation of wide area surveillance videos.