

TRECVID 2018 Activities in Extended Video Challenge

The Activities in Extended Video (ActEV) challenge seeks to evaluate robust automatic activity detection algorithms for a multi-camera streaming video environment. ActEV is an extension of the annual TRECVID Surveillance Event Detection (SED) evaluation by adding a large collection of multi-camera video data. Automatic detection of activities of interest is intended for application in public safety, real-time alerting, forensic investigation or traffic monitoring and management. We participated in this competition in the name of USF for the first time. The USF Bulls team consists of Sathya Aakur, Daniel Sawyer, Michal Balazia and the PI Dr Sudeep Sarkar. In this presentation we describe the competition, our approach and future work in the field.