

- Organization
  - University of Southern California
- Lead Investigator
  - Prof. Ram Nevatia
- Team Members
  - Prof. Gerard Medioni
  - Drs. S. Lee, C. Huang
  - Ph.D. students

# Research Areas of Interest

- Detection and tracking of *moving* objects
  - Humans (pedestrians, articulated) and vehicles
- Detection/Recognition of *scene* objects
- Language for representing and annotating activities in a video
- Recognition of low level and complex events, possibly involving multiple agents
- Integration with other modalities (Audio, Language)

# Qualifications

- State-of-art performance on detection and tracking of pedestrians; especially in crowded and cluttered environments
- Low level and complex event recognition using hierarchical, coupled, graphical models
- Demonstrated performance in a number of public evaluations (VACE, ETISEO, TRECVID, PETS...), publications in high quality venues
- Participant in all three phases of VACE
- Experience in definition of VERL/VEML

# Teaming

- Seeking partner for
  - Integrating our capabilities (possibly with other complementary capabilities) into a user-friendly system.
  - Complementary capabilities in filtering based on global properties of video streams.
  - Capabilities in speech/language processing

# Contact Information

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