



Aladdin Video

Searching for Events-of-Interest in Massive Unconstrained Video

Program Manager: Dr. Jill Crisman; E-mail: jill.crisman@iarpa.gov

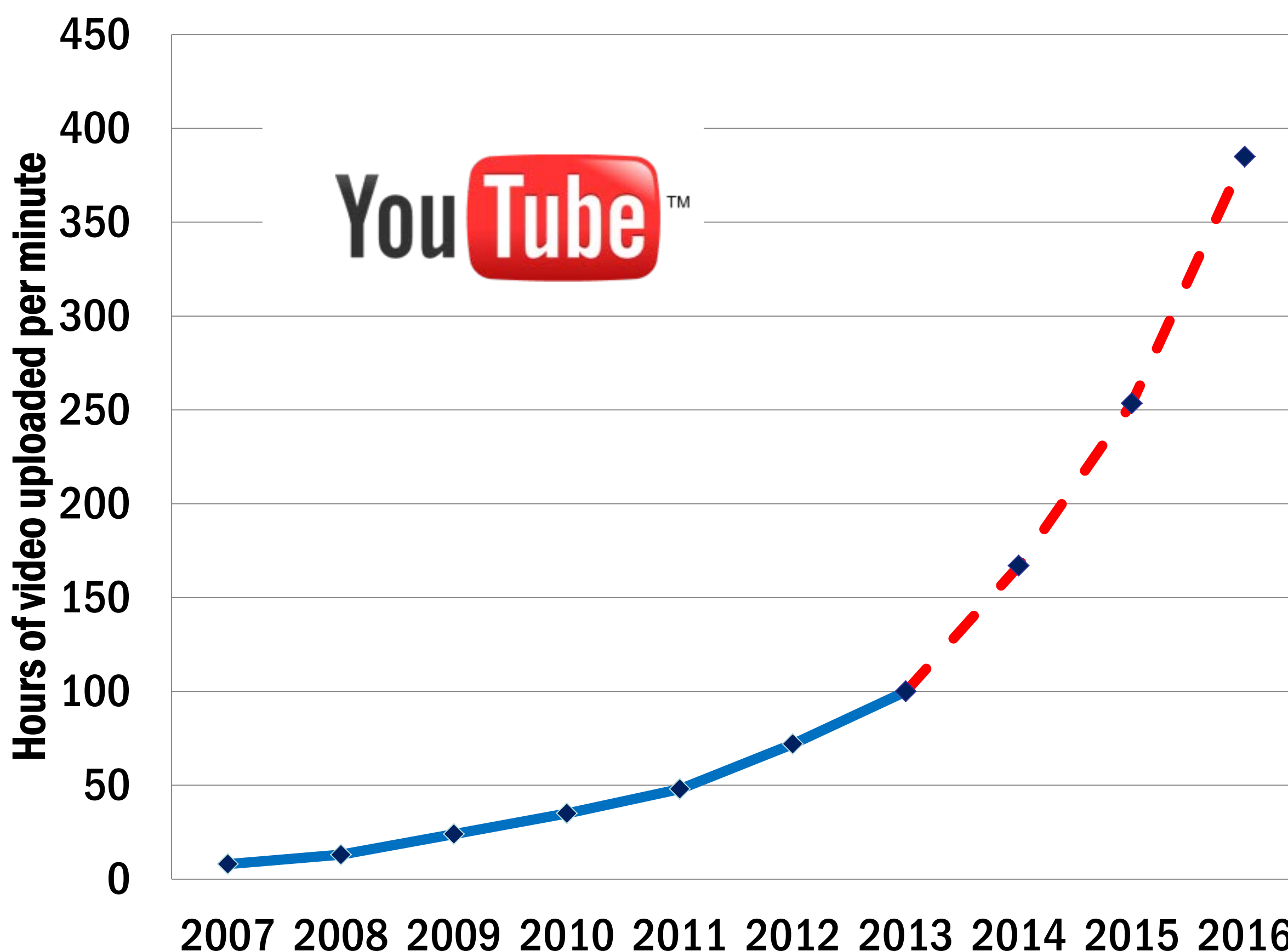


Other People's Videos

“Other People’s Videos” posted on the internet are arriving at an accelerating rate.

On YouTube alone, there are 100 hours of video uploaded every minute

Volume of uploads are increasing exponentially

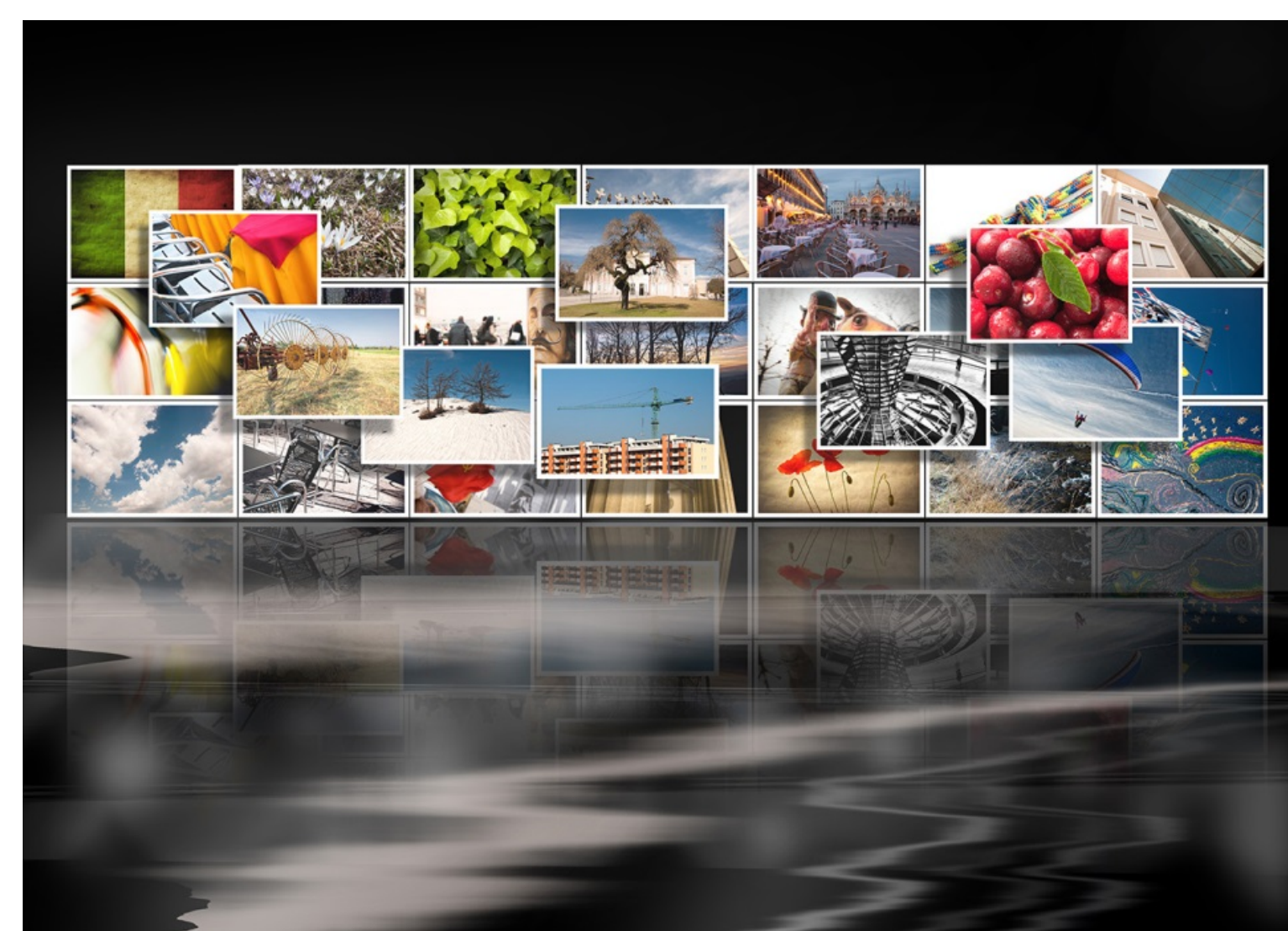


Example Event Queries

- Beekeeping
- Wedding shower
- Non-motorized vehicle Repair
- Fixing musical instrument
- Horse riding competition
- Felling a tree
- Parking a vehicle
- Playing fetch
- Tailgating
- Tuning musical instrument

Event queries are defined by

- 10 example videos and
- A text description

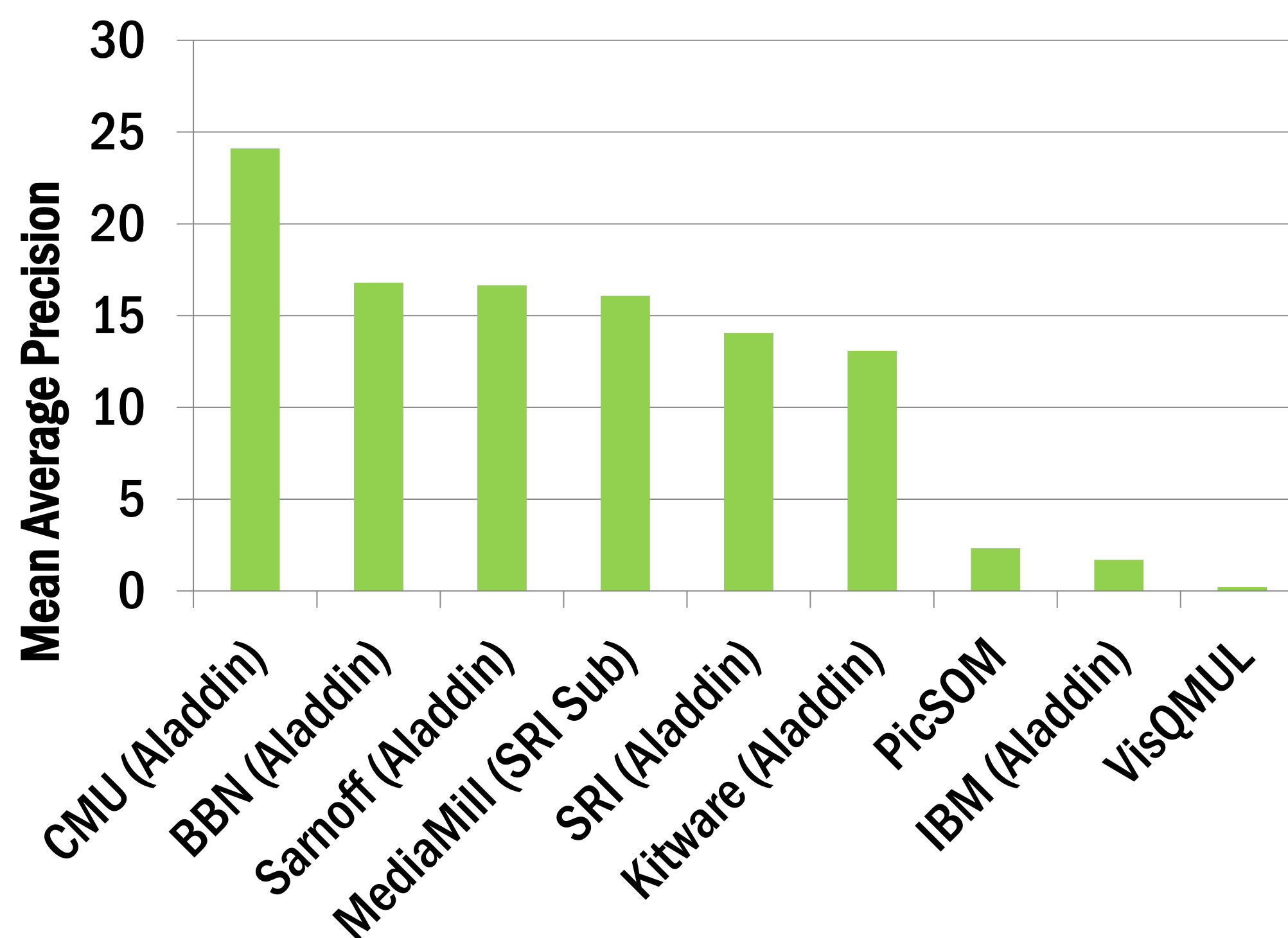


2013 Evaluation

- Search 200,000 videos (8,000 hours) for the above events
- *Five of six Aladdin Video teams are top performers*



Results



<http://www-nlpir.nist.gov/projects/tvpubs/tv.pubs.13.org.html>