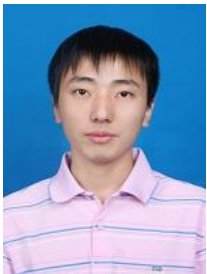




Poster Spotlights

Poster Session 4, July 16th

OBSIR: Object-Based Stereo Image Retrieval



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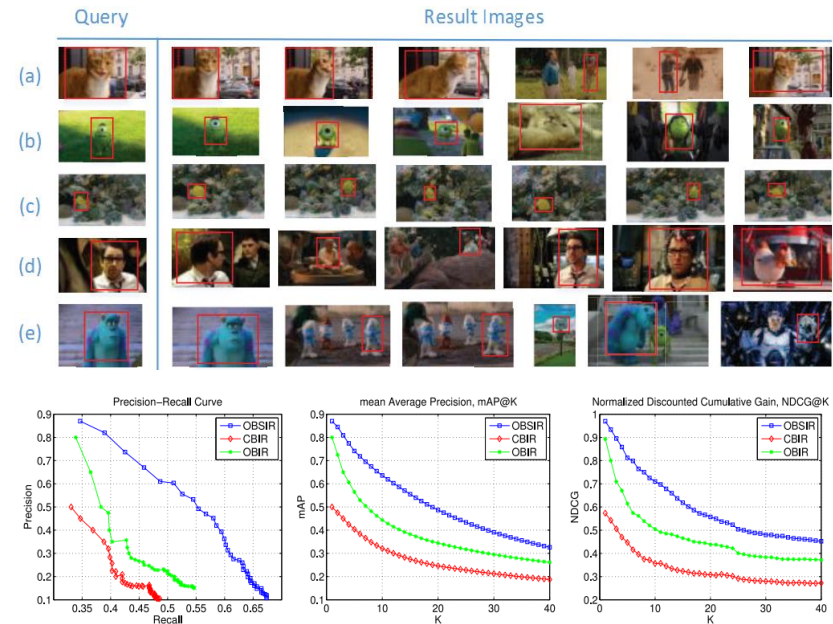
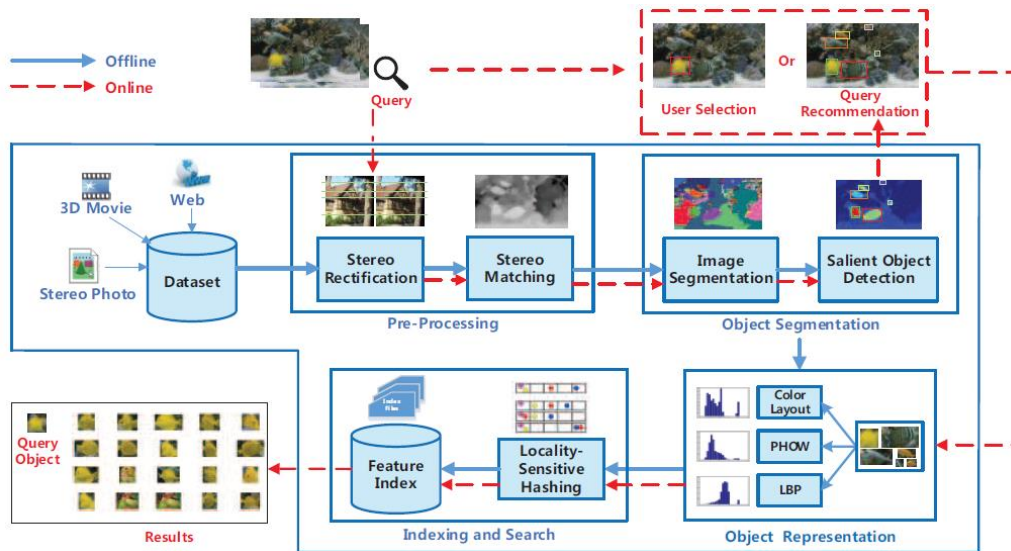
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Motivation

- How to effectively **manage** and **access stereo image data**?
 - Emerging stereo images leads to an urgent demand of **stereo image retrieval**.
- Goal:** Given stereo images, aiming to search for the relevant images containing the similar object which is specified by the user or recommended by the system.

Solution

- **The first complete framework** for object-based stereo image retrieval is proposed.
- Object segmentation+ cluster-based LSH index.



Experiment

- We build **OBSIR dataset** from three common sources: internet, realistic photographs and snapshots from 3D movies.
- Object segmentation outperforms the state-of-the-arts.
- Capture more correct object than the baseline CBIR and OBIR.