Plans

• Review Lam’s code
  1) Increase understanding of our DfD method
  2) Modify and experiment

• Compare our results to Seitz and Baker’s Filter Flow method

• Learn good smoothness weighting
  - Find pattern between image qualities and optimal weights
Smoothness

• When we evaluate the amount of blur in an image, it should vary smoothly
• Obviously, some will be smoother than others
• How do we blindly determine optimal weighting?
  - Gradient?
  - Derivatives?
  - Other image qualities?
• Current focus is to learn about this and compare our current results to other work.
Current Results

Front Focus

Rear Focus
Current Results

Our Method

Not so good...

Filter Flow
Current Results

Front Focus

Rear Focus
Current Results

Our Method – Lam’s results

Filter Flow

Better, but still needs improvement
More results
More results
Cool!