CS 89.15/189.5, Fall 2015

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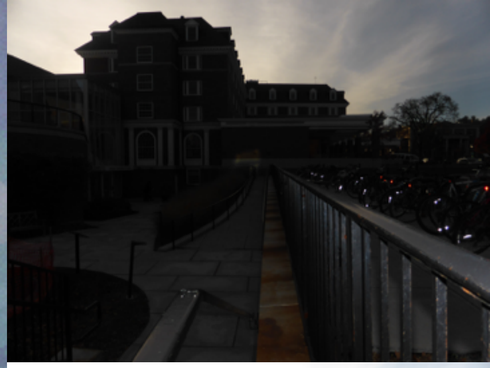
Results from Assignment 5

Naofumi Tomita

Allison Wang

Allison Wang



Allison Wang

Weichen Wang

Chimian Wu

Tianyuan Zhang

Maksim Bolonkin

Chris Novak

Sean Oh

Daniel Shanker

Final project proposals

Short description of what you want to work on, how you will accomplish it, resources you will rely on, etc.

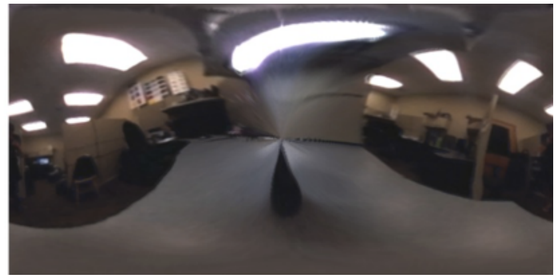
Submitted to Canvas

- Will add it this weekend, due next Thursday

Ideas:

- implement one or two papers we discuss
- extend a previous assignment with new functionality
- grads: ideally combine topics from the class with your own research interests

Project idea: Image-based lighting



images from: https://courses.engr.illinois.edu/cs498dh3/fa2014/projects/ibl/ComputationalPhotography_ProjectIBL.html

Project idea: Gradient-domain editing

image from: http://graphics.cs.cmu.edu/courses/15-463/2012_fall/hw/proj3g-gradient/

Project idea: Flash/no-flash

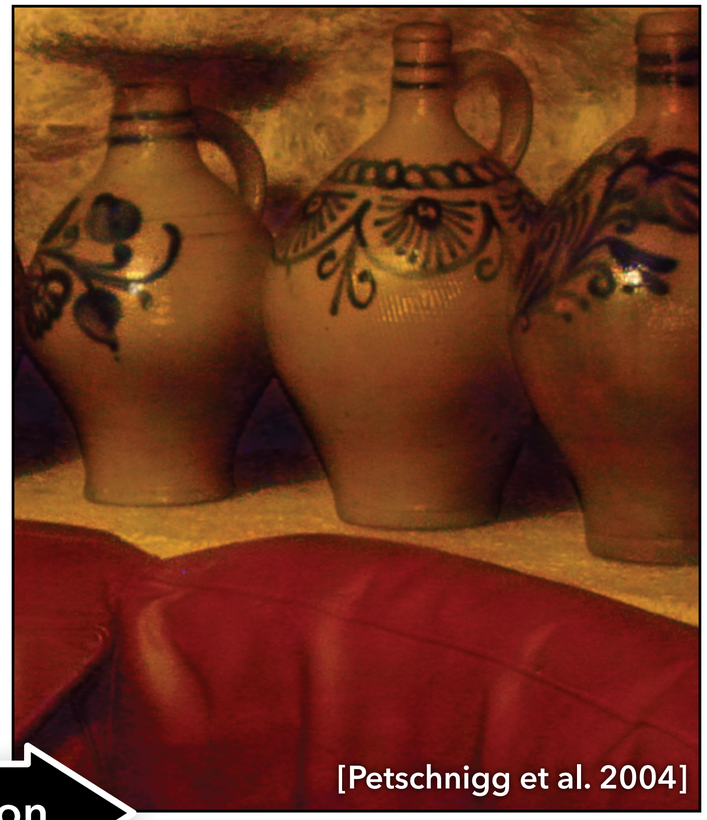
Denoising with detail transfer

Flash

+

No Flash

Computation



Output

Project idea: Automatic panoramas

Project idea: Automatic panoramas

Project idea: Automatic panoramas

Project idea: Automatic panoramas

Paper presentations

Upload your presentation material to Canvas

- latest by the end of the day of your presentation

Paper discussions

Let's try to make it a bit more informal

- After presentation, we'll all sit down
- Point is to all figure out details of the paper *together*

Paper discussions

A good way to start:

- ask questions about what you didn't understand!
- asking a "dumb" question is better than being silent
- discussant starts and should fill in silences with their own questions or comments
- try to let things evolve organically