2004: Poisson Matting

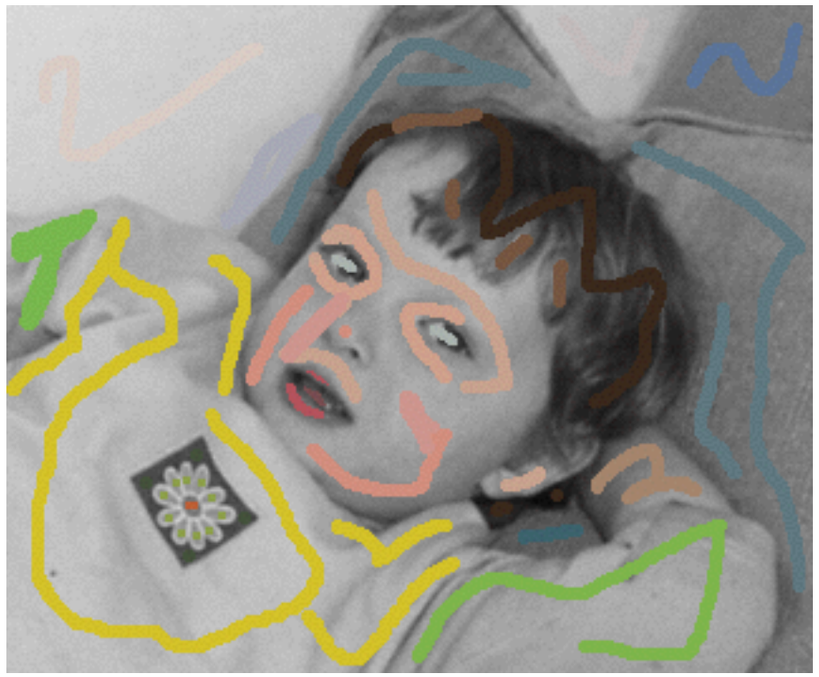
2004: Flash/No-Flash

2004: Flash/No-Flash

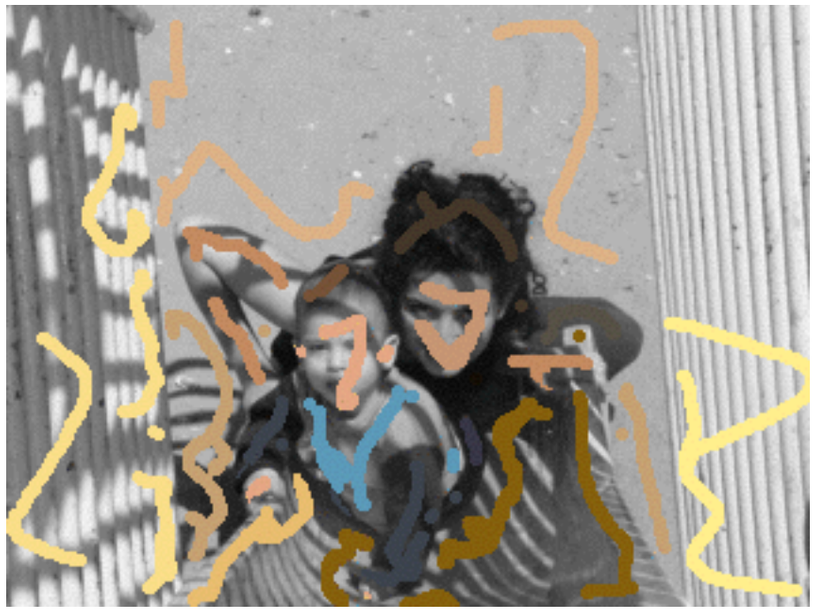
2004: Flash/No-Flash

2004: The non-photorealistic camera

2004: Colorization

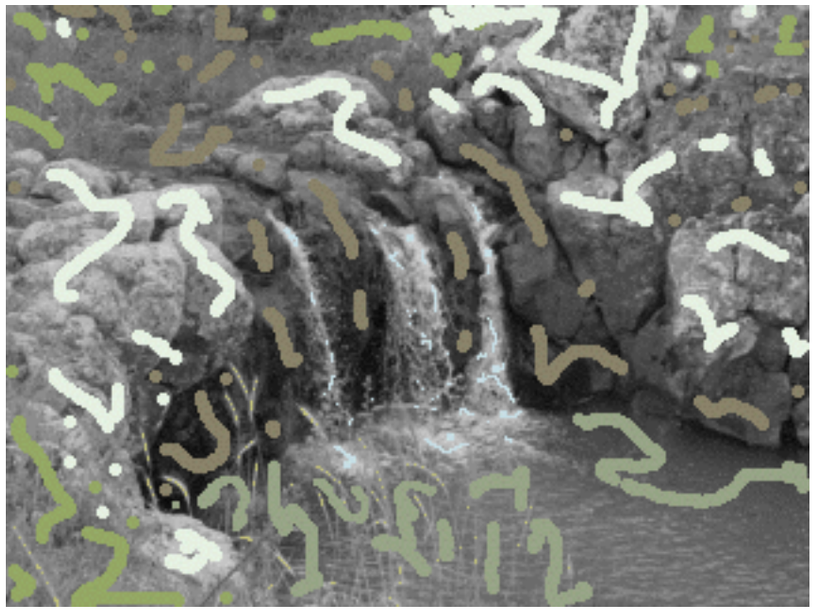


2004: Colorization



2004: Colorization

2004: Colorization



2004: Colorization

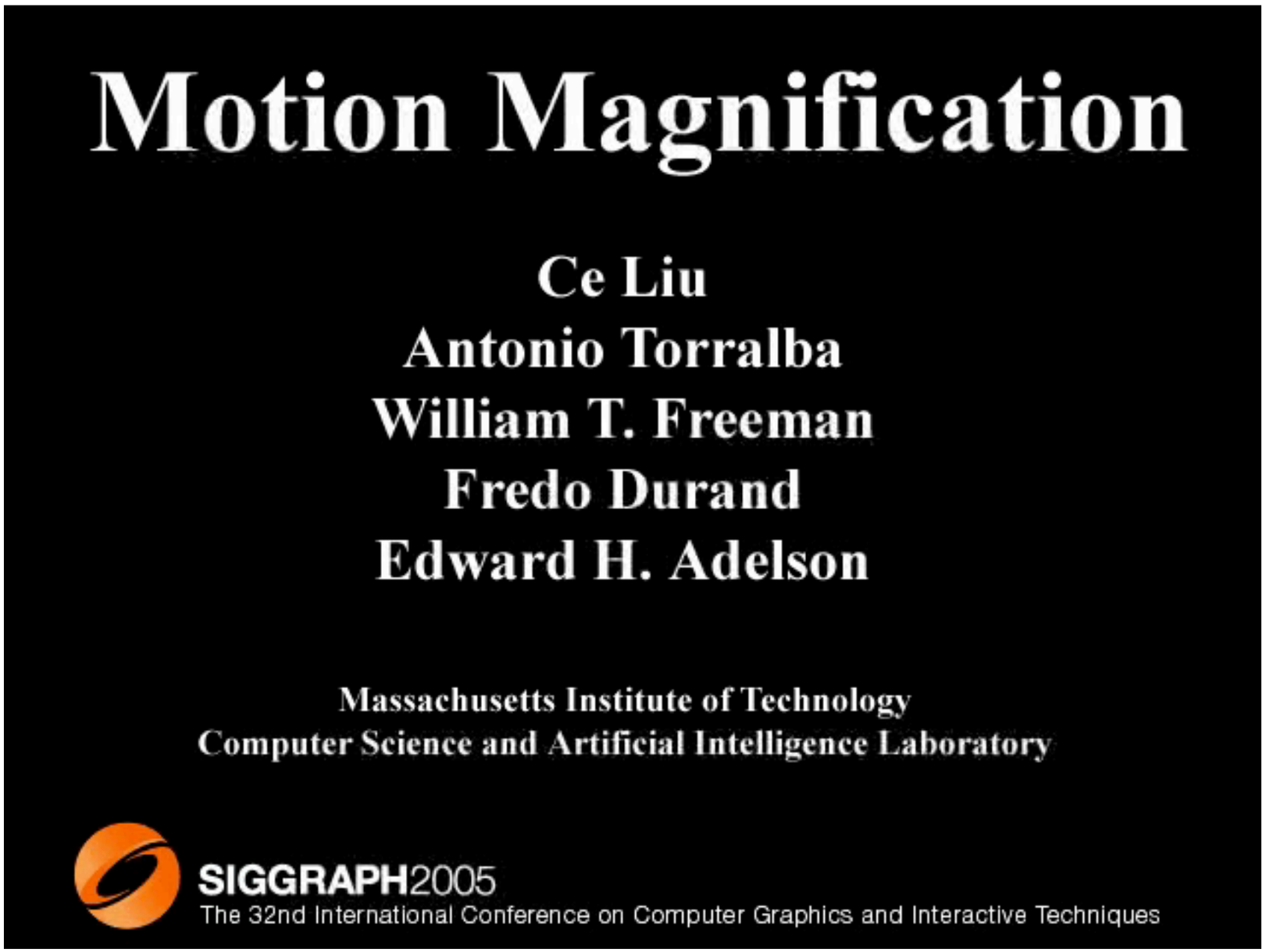
2005: Color2Gray

http://www.cs.northwestern.edu/~ago820/color2grey/images.html

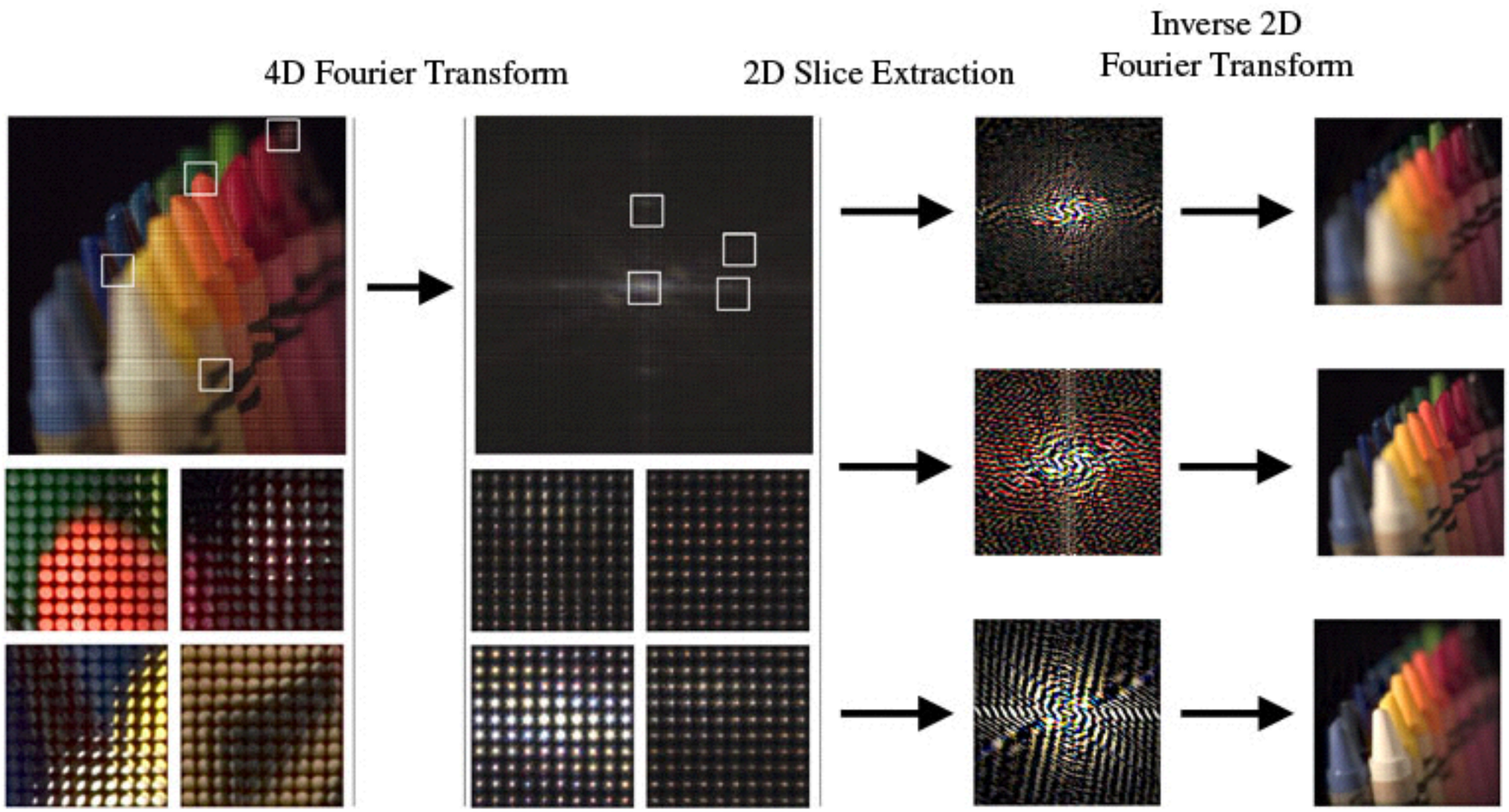
2005: Defocus Video Matting

2005: Automatic Photo Pop-up

2005: Motion Magnification



2005: A New Camera



Dual Photography

Pradeep Sen* Billy Chen* Gaurav Garg* Stephen R. Marschner†
Mark Horowitz* Marc Levoy* Hendrik P.A. Lensch*

*Stanford University †Cornell University

SIGGRAPH2005

2005: Camera Arrays

2006: Drag and Drop

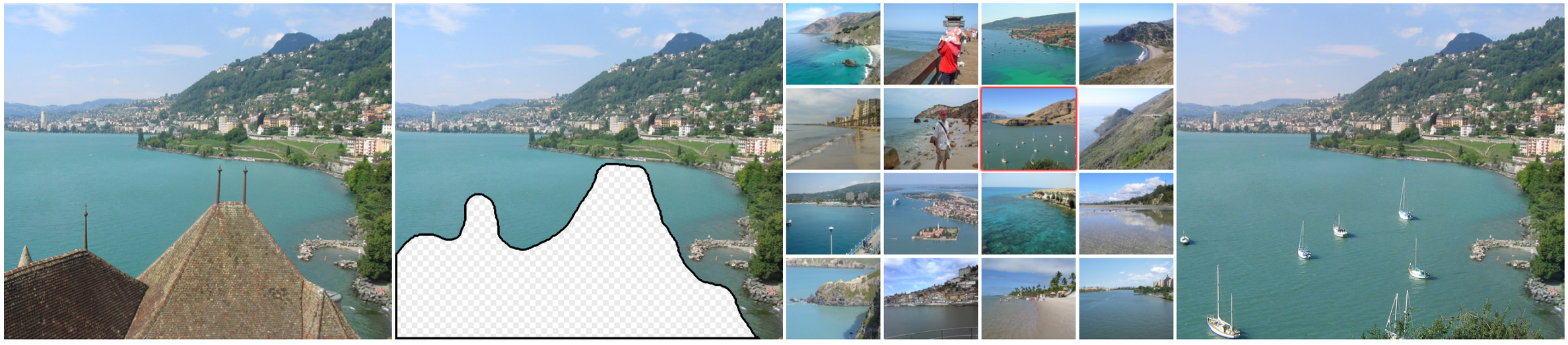
http://www.cse.cuhk.edu.hk/~leojia/all_project_webpages/ddp/drag-and-drop_pasting.html

2006: Deblur

2006: Fluttered Shutter

http://web.media.mit.edu/~raskar/deblur/

2007: Scene Completion



Original Image | Input | Scene Matches | Output

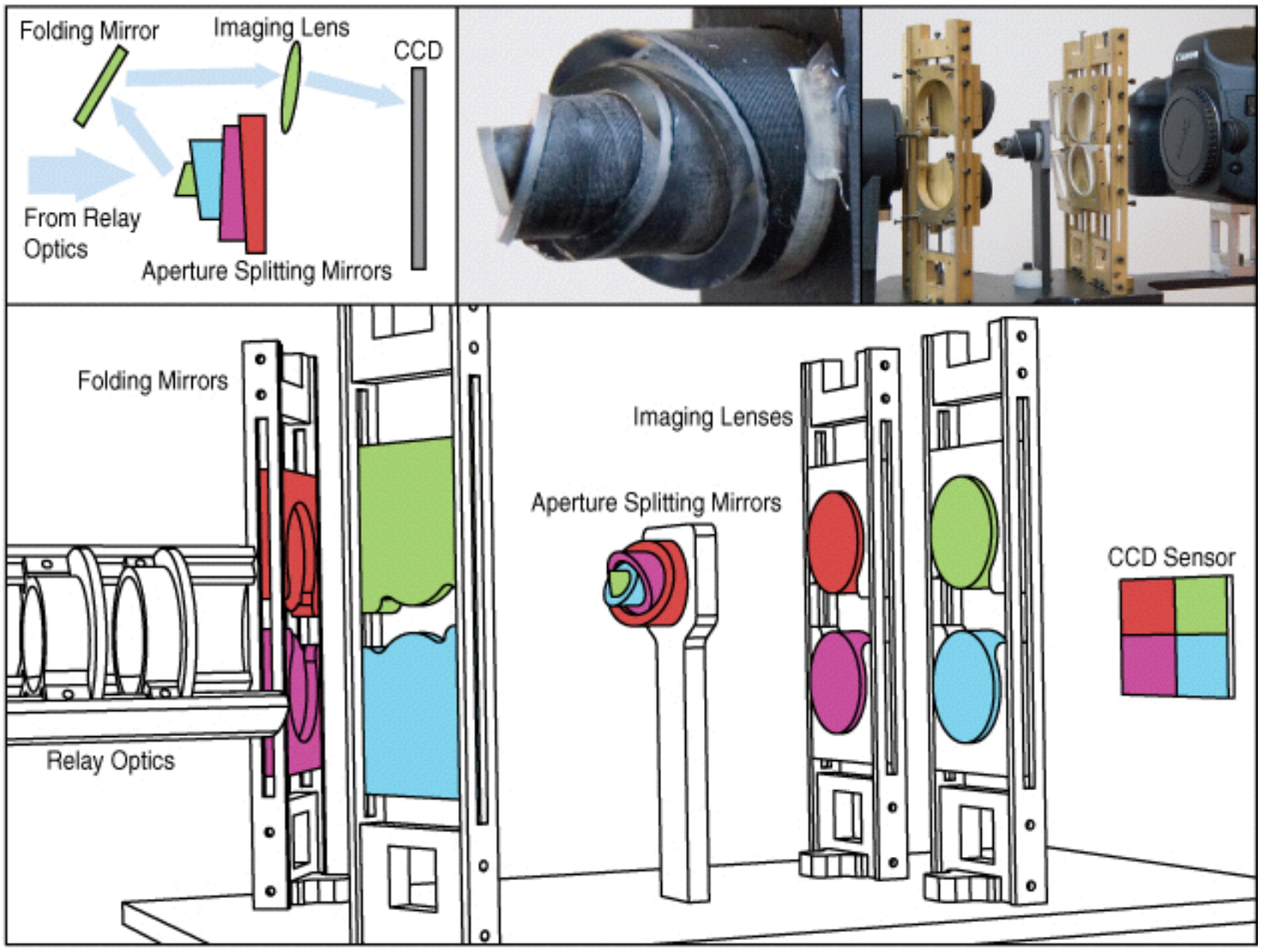
2007: Photo-Clip Art

Soft Scissors

2007: Seam Carving

https://www.youtube.com/watch?v=6NcIJXTlugc

2007: Multi-aperture



2007: Coded Aperture

http://groups.csail.mit.edu/graphics/CodedAperture/

2007: Gigapixel Images

2012: Video Magnification

https://www.youtube.com/watch?v=ONZcjs1Pjmk

2014: Visual Recovery of Sound

https://www.youtube.com/watch?v=FKXOucXB4a8