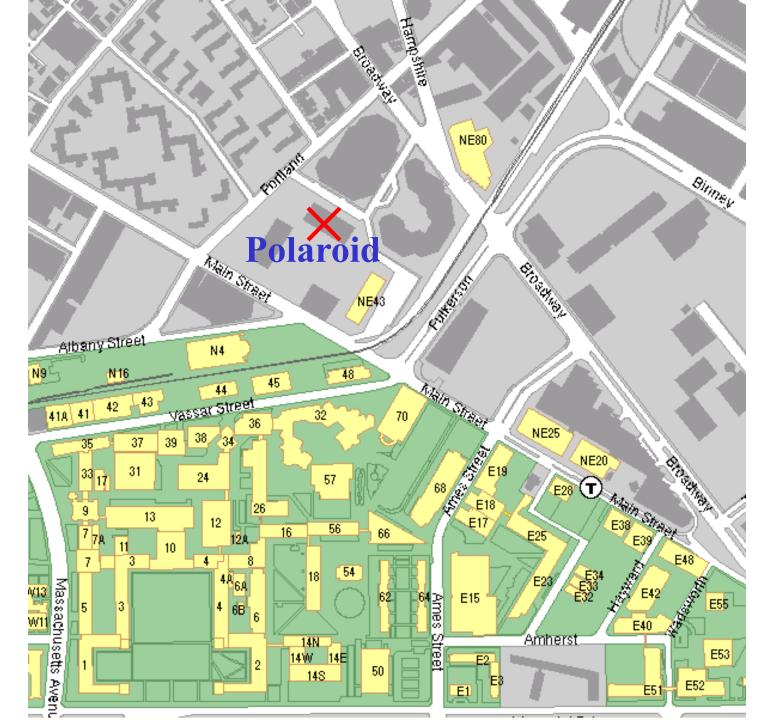
Bill Freeman

Thomas and Gerd Perkins Professor,
Electrical Engineering and Computer Science
MIT CSAIL
Stata Center, 32-D476
Cambridge, MA 02139

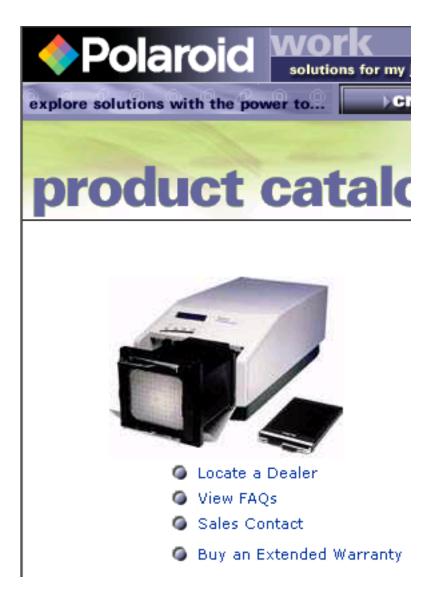
e-mail: billf@mit.edu

web: https://billf.mit.edu/

Office Hour: 5-6pm Thursdays

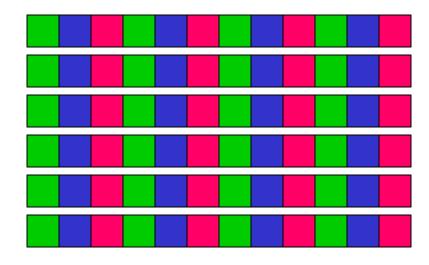






CCD color filter pattern

detector





Company Info

Produc

PRODUCATOR





Me (Foreign Expert) and my wife (English teacher), riding from the Foreigners' Cafeteria at the Taiyuan University of Technology, Shanxi, China, 1987.

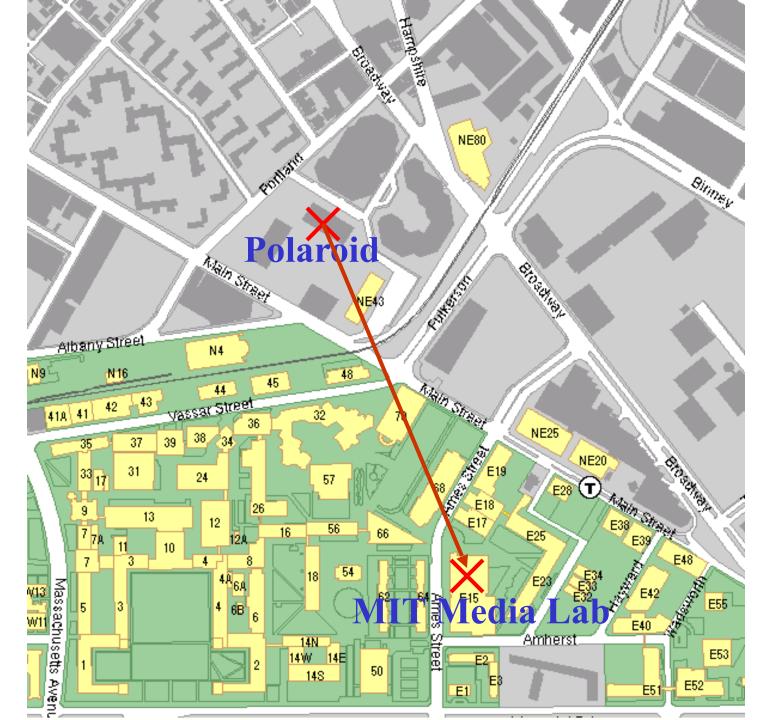


In my office at the Computer Center, 1987









Steerable Filter Architecture

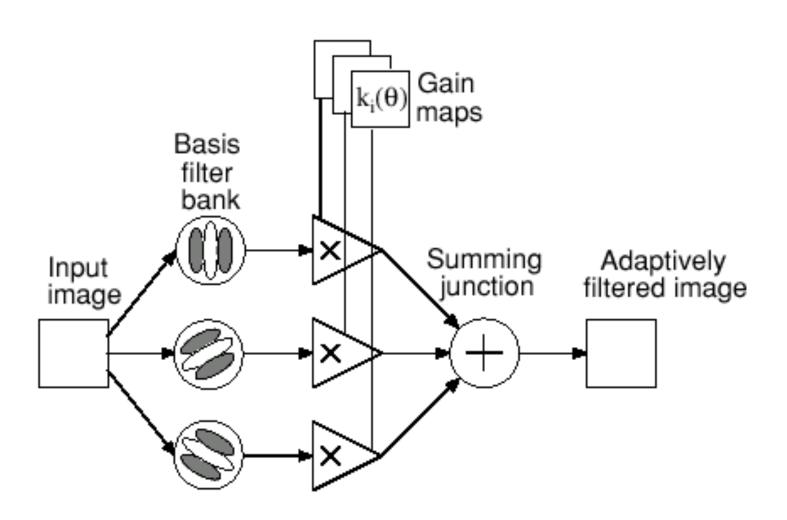
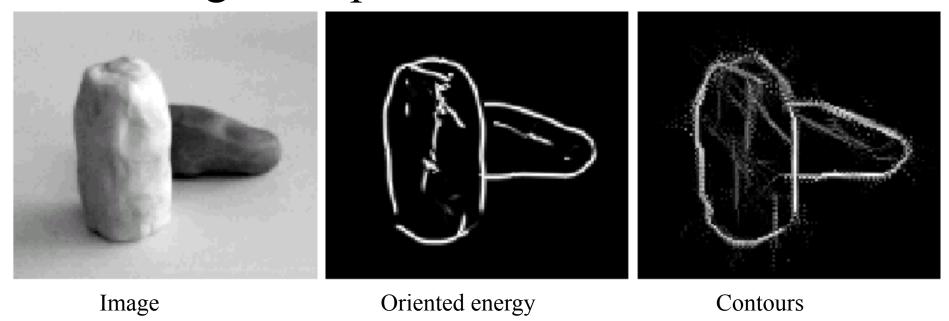
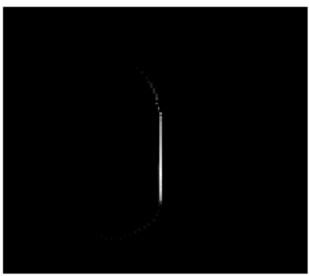
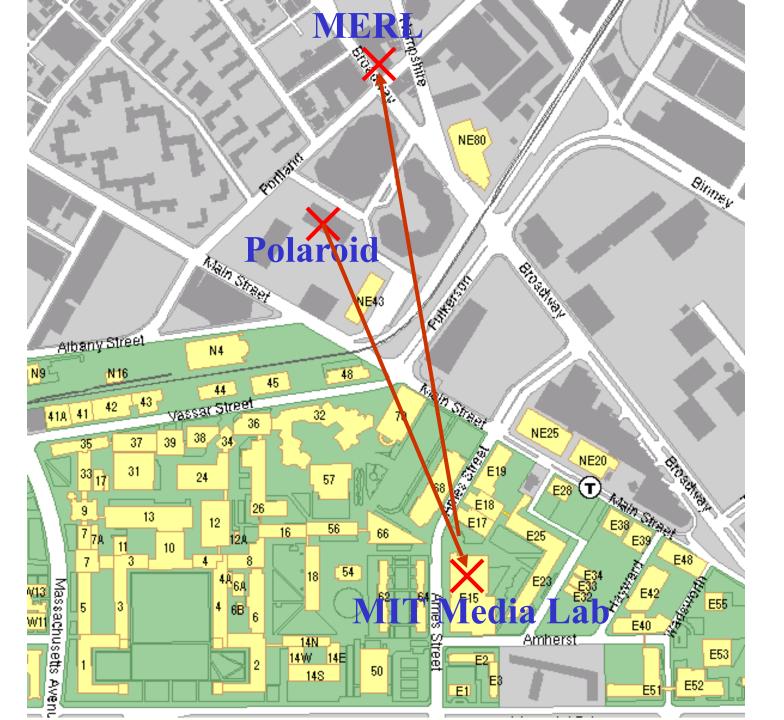


Image interpretation from local cues





Occluding contour



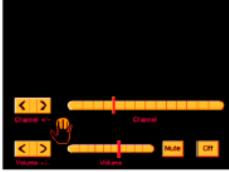






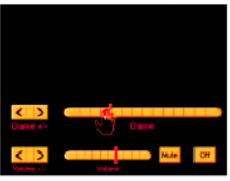
(a) television off





(b) turn on television

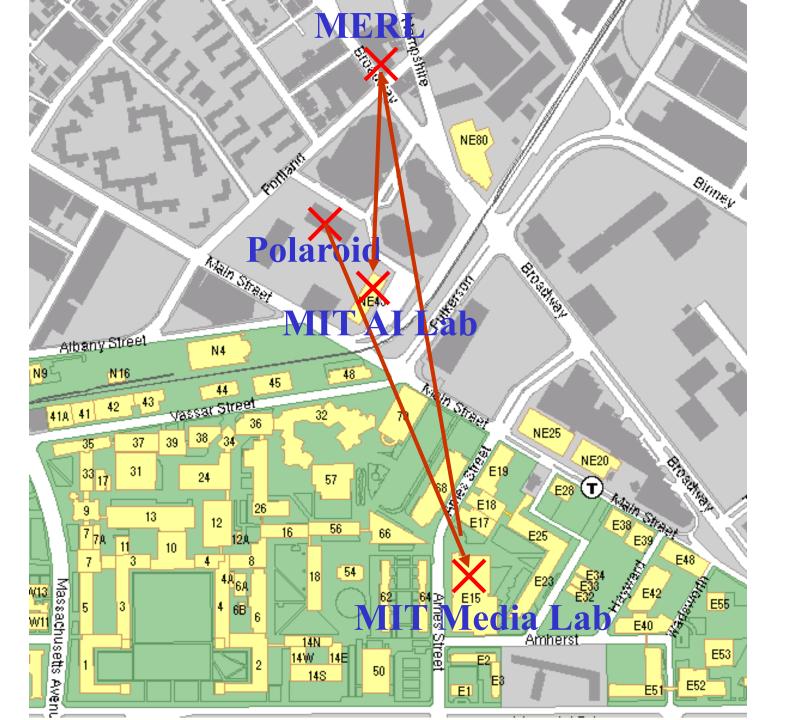


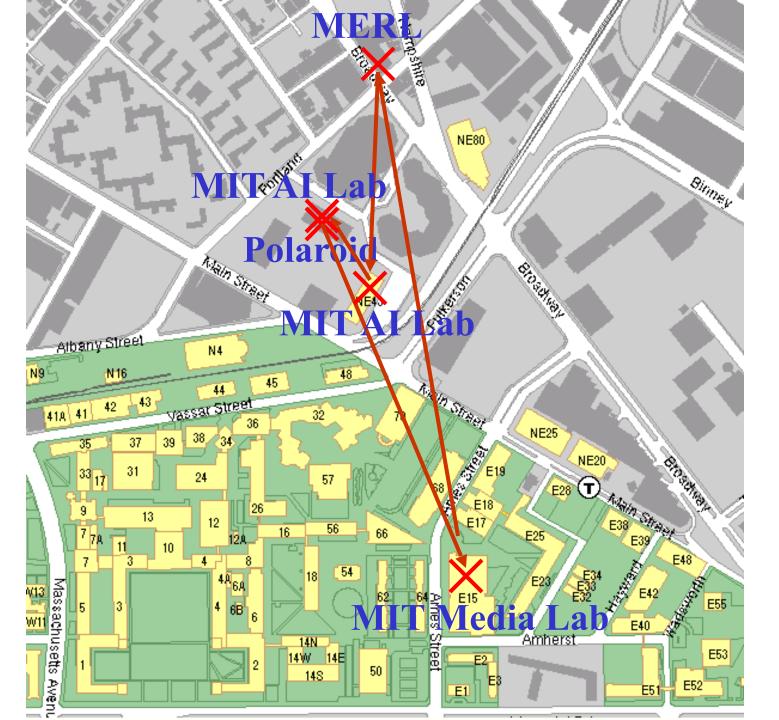


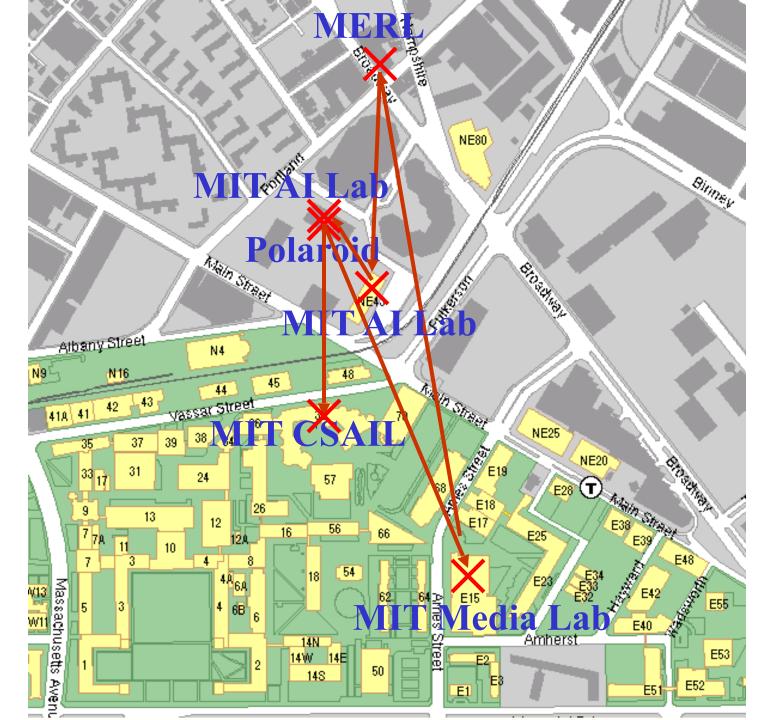
(c) channel control

Decathlete 100m hurdles



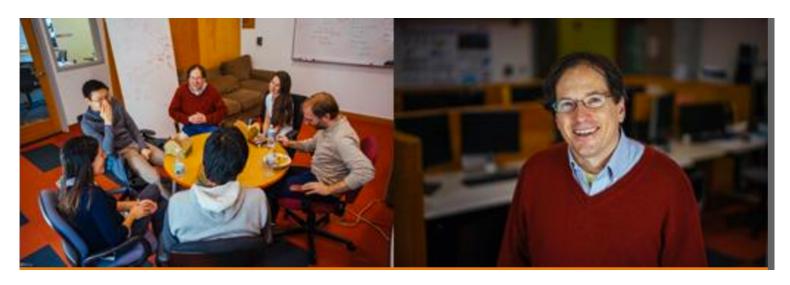












PUBLICATIONS

All Publications

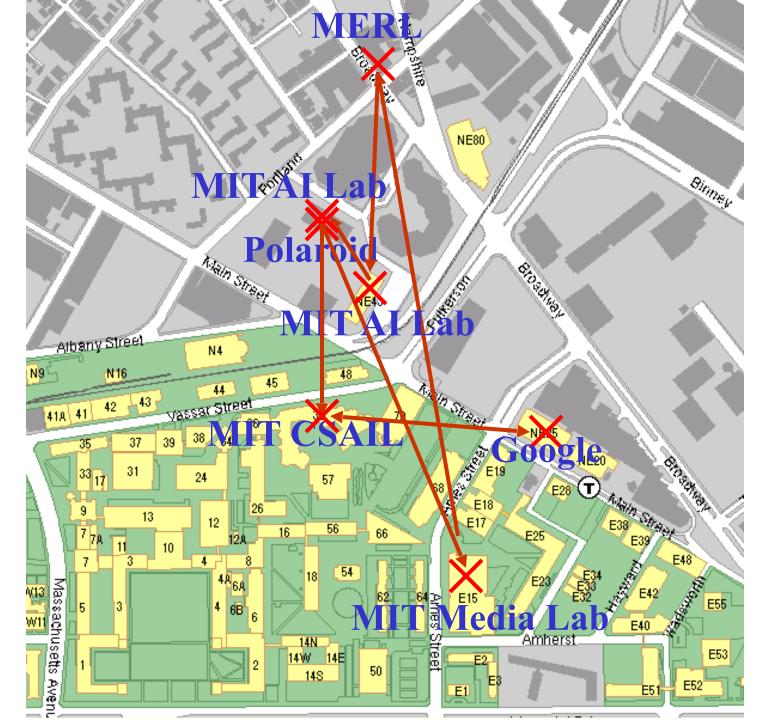
Publications by Theme:

- Computer Vision
- Computer Graphics
- Computational Photography
- Machine Learning
- Other

Google Scholar Citations

Patents

Research Archive



Google Cambridge







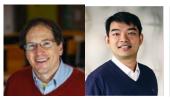
MIT

MIT Stata Center

Google offices, Cambridge

Google Cambridge Vision Team

VisCam Group members



















Ce Liu

Miki Rubinstein

Dilip Krishnan

Inbar Mossar

Forrester Col

Aaron Same

team members:

Bill Freeman, Ce Liu, Miki Rubinstein, Dilip Krishnan, Inbar Mosseri, Forrester Cole, Aaron Sarna, Tali Dekel, Mike Krainin, Aaron Maschinot

We take summer interns!

Example product: Looking to Listen

Input video



Example product: Looking to Listen

Only the driver



