

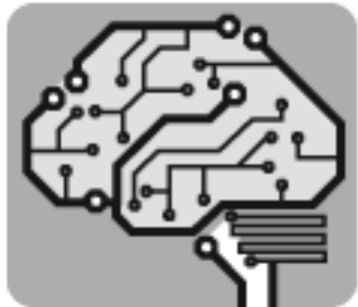
Thanks for coming
and

See you again!

Workshop on
Learning Data Representation:
Hierarchies and Invariance

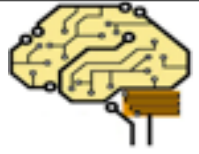
November 22-24, 2013 | McGovern Institute for Brain Research, MIT

Tomaso Poggio & Lorenzo Rosasco



CBMM





MIT

Boyden, Desimone, Kaelbling, Kanwisher, Katz, Poggio, Sassanfar, Saxe, Schulz, Tenenbaum, Ullman, Wilson, Rosasco, Winston

Harvard

Blum, Kreiman, Mahadevan, Nakayama, Sompolinsky, Spelke, Valiant

Cornell

Hirsh

Allen Institute

Koch

Rockefeller

Freiwald

UCLA

Yuille

Stanford

Goodman

Hunter

Epstein,...

Wellesley

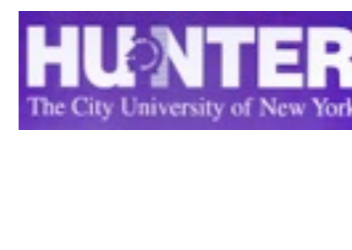
Hildreth, Conway...

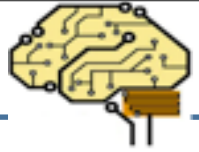
Puerto Rico

Bykhovaskaia, Vega...

Howard

Manaye,...





City U. HK
Smale

Hebrew U.
Shashua

IIT
Metta, Rosasco,
Sandini

MPI
Buelthoff

NCBS
Raghavan

Genoa U.
Verri

Weizmann
Ullman



Google
Norvig

IBM
Ferrucci

Microsoft
Blake

Orcam
Shashua

MobilEye
Shashua

DeepMind
Hassabis

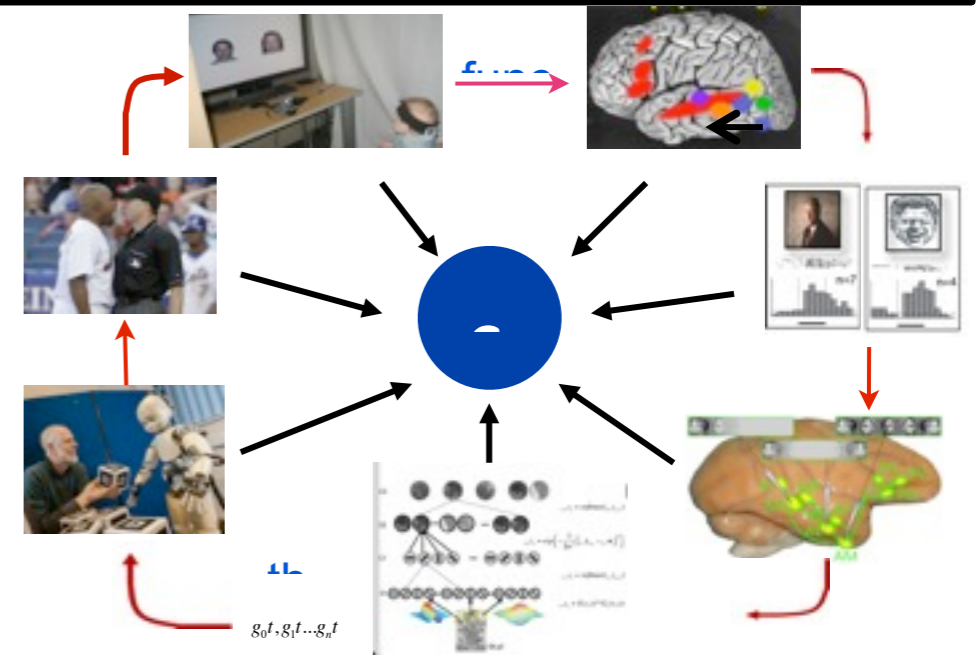
Boston Dynamics
Raibert

Rethink Robotics
Brooks

Willow Garage
Cousins



The future: the core CBMM challenge



The core challenge is to develop computational models from experiments that answer questions about images and videos such as

- what is there / who is there / what is the person doing

and eventually more difficult questions such as

- who is doing what to whom?
- what happens next?
- could you tell a story about the scene?

all at the computational, psychophysical and neural levels.

Thanks for coming
and
see you again soon
to take a look at the
future!