

Agenda for I² Workshop, December 4, 2009

08:00am-9:00am **Breakfast**

09:00am-9:30am **Introduction:** Tomaso Poggio, Josh Tenenbaum

09:30am-9:45am Dean M. Kastner, Dean School of Science,

09:45am-11:00am **The Visual World**

Chairman:

Speakers (*Presentations less than 10mins each*):

- P. Sinha: Visual Object Discovery
- B. Freeman: Vision for Birds
- T. Adelson: Intelligent Photography
- E. Miller: Multiple category representations in the prefrontal cortex
- A. Oliva: Visual Scene Understanding

11:00am-11:30am **Coffee**

11:30am-12:15pm **Action and Space**

Chairman:

Speakers (*Presentations less than 10mins each*):

- M. Wilson: Thinking from experience – mechanism and principles of sequential event memory
- N. Roy: Bridging the gap between robot and human intelligence
- L. Kaelbling: Household Intelligence

12:15pm-02:00pm **Lunch**

02:00-03:15pm **Social and Collective Intelligence**

Chairman:

Speakers (*Presentations less than 10mins each*):

- W. Richards: The fine structure of networks
- R. Saxe: Neural circuits and computations underlying distinctively human cognition
- T. Malone: Collective Intelligence
- S. Pentland: Honest Signals
- A. Lo: Neuroscience, Evolution, and Financial Crises

03:15pm-03:45pm **Coffee**

03:45pm-04:45pm **Language**

Chairman:

Speakers (*Presentations less than 10mins each*):

P. Winston: Language, the Great Differentiator

D. Roy: New horizons in the study of Language Development

T. Gibson: Cognition of language above the word

R. Barzilay: Reinforcement Learning for Automatic Language Interpretation

04:45pm-05:30pm **Integrated Intelligence**

Chairman: Nancy Kanwisher

Speakers

S. Ullman: *Title to be announced*

L. Spelke: *Title to be announced*

05:30pm-06:30pm **Wrap up**

06:30pm-07:30pm **Reception (*drinks & appetizers*)**