ITI Cognitive Engineering
Overview

General question: how does the brain connect with the environment?
Visual perception
Artificial agents 2
(Emmanuel Dupoux/Benoît Girard)

Neuro-inspired robotics

Vehicles: Experiments in synthetic psychology

Conversational agents: from speech to meaning. 

or, Deconstructing SIRI
Things that make us smart
Smart objects 2

(Roberto Casati, 10 oct 2014)

Smart objects for wayfinding

Smart objects for wayfinding
Improving complex (indoor, multi-floored) environments
Preferences and decisions

Notes on the Theory of Choice
Rational Choice
Choice, Value and Frames
The evolutionary approach to social cognition
Connecting brains 3
(Alexis Tsoukias/Gabriella Pigozzi, 07 nov)

Aiding to decide

- **topics**
  - How to improve decisions?
  - What does make an aide convincing, legitimate and useful?

- **contents**
  - Decision aiding process as construction of consensual shared cognitive artifacts.
  - Values, likelihoods and opinions and their subjective dimension.
  - Axiomatic, algorithmic and pragmatic aspects of decision aiding.
  - Human based and computer based assistance to decision making.
  - Mathematical and logical problems in aggregating preferences, judgements and information.
  - Convincing to act: robust recommendations with respect to scenarios, parameters and adversaries.

- **biblio**
nudges

Why Nudge? The Politics of Libertarian Paternalism

The Journal of Political Economy

general discussion