



Alexandre Antunes

Early Stage Researcher under prof. Angelo Cangelosi
Cognitive Robotics - APRIL ETN

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**ROBOTICS
WITH
PLYMOUTH
UNIVERSITY**

APRIL

About myself:

1988 – 6th Sept.:

Born in Lisbon, Portugal

Currently: Plymouth, UK

Hobbies/things I like:

- Politics;
- Games (all kinds);
- Sci-fi (mostly space);
- Meeting other cultures;
- Bad weather;
- Natural disasters.

Background:

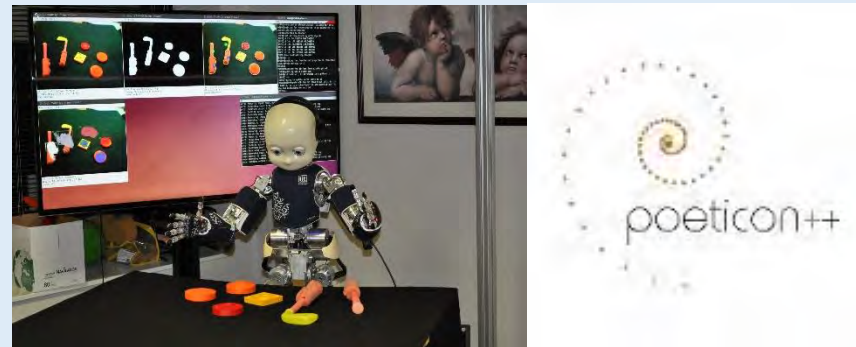
2016:

Master in Aerospace Engineering
Técnico Lisboa, Lisbon, Portugal

2013 - 2015:

POETICON++ project in ISR, Técnico Lisboa
Partners: IIT, CSRI, UoP, USMF

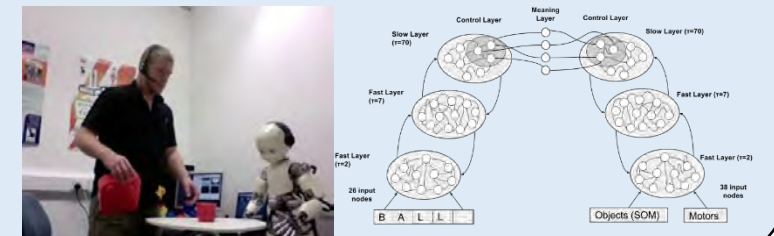
Task: Probabilistic planner for iCub actions⁽¹⁾



Current Project:

Language and Action learning:

- Findings in Neuroscience show a connection between actions and language;
- Using an iCub robot and Neural Networks we will try to recreate this learning, inspired on human language learning “datasets”;



(1) Antunes, Alexandre, et al. "From human instructions to robot actions: Formulation of goals, affordances and probabilistic planning." *Robotics and Automation (ICRA), 2016 IEEE International Conference on*. IEEE, 2016.