



# essence

Evolution of Shared Semantics in  
Computational Environments



[www.essence-network.eu](http://www.essence-network.eu)

ESSENCE investigates how meaning emerges and evolves through communication among intelligent systems. We develop methods that enable software agents, sensors, and robots to autonomously negotiate meaning among themselves. Our research, situated at the intersection of artificial intelligence, linguistics and evolutionary robotics, takes inspiration from the capabilities of humans to understand each other despite differences among their individual viewpoints.

## PhD Positions Available!

We currently have openings at the following partner institutions and for the following topics:

- ◇ IIIA-CSIC, Barcelona, Spain:
  - Advanced interaction-situated semantic alignment
- ◇ Playence, Madrid, Spain:
  - Robust communication and alignment of concept extensions

Application deadline: 15<sup>th</sup> July 2014

Apply now at [www.essence-network.eu/hiring](http://www.essence-network.eu/hiring)

ESSENCE is a Marie Curie Initial Training Network funded under the European Commission's 7th Framework Programme (agreement no. 607062) that runs from November 2013 to October 2017. It supports 15 young scientists at the doctoral and post-doctoral levels who investigate different aspects of the overall research theme in close collaboration with industry and a number of leading academic institutions across Europe.



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