

Network Action Proposal

Title:	Staff visit to the University of Sussex
Membership number(s)	83
Member name(s)	Carlos Herrera
Member institute/company name(s)	University of Ulster
Goals of the action	<p>The goal of this action is to enable a 2-week research visit for Carlos Herrera, research associate at the Intelligent Systems Research Centre (ISRC) to the University of Sussex. Carlos Herrera has been invited to participate in research activities at the Centre for Research in Cognitive Science(COGS) and the Centre for Computational Neuroscience and Robotics (CCNR). Hosts researchers include Rob Clowes and Ezequiel Di Paolo.</p> <p>The goal will be to reinforce existing collaboration between ISRC and COGS / CCNR. Previous collaboration was possible through Rob Clowes' EUCognition funded visit to the University of Skovde, Sweden, where Carlos Herrera was a postdoctoral researcher. The research focused on the phenomenon of language internalization in autonomous agents and robots (ref *). The aim of this visit is to extend this line of research with new experimental work and lay the foundation for a future project in the area of Language and Cognitive Robotics.</p> <p>* Clowes, Herrera, Ziemke and McGinnity <i>How words become cognitive</i>. Submitted to the Symposium on Language and Robots. Aveiro, Dec 2007</p>
Principal activity to which it contributes <ul style="list-style-type: none"> ○ Community Outreach ○ Scientific Outlook ○ Education & Training 	<ul style="list-style-type: none"> ○ Community Outreach: <ul style="list-style-type: none"> ○ Reinforcing research collaboration between the COGS / CCNR and ISRC ○ Scientific Outlook: <ul style="list-style-type: none"> ○ Laying some of the principles of an emerging area such as language internalization in robots in a white paper to be published at the EUCognition website
Concrete outcomes of the action (at least one of which should be material suitable for publication on the euCognition website)	<p>The action/visit will result in:</p> <ul style="list-style-type: none"> • Development of experiments on language internalization in robots using evolutionary and neural techniques • The publication in EUCognition website of a white paper on Language Internalization in Cognitive Robotics • To lay the foundations for a new project proposal within FP7
Effort in person-days that will be charged to the Network Action (if any)	n/a

Expected start and duration in months	The visit would be carried out approx. 4 th November 2007 and will last for two weeks
<p>The requested funding, under the following headings:</p> <ul style="list-style-type: none"> ○ Travel Costs 	€1800 (14 days)
<p>Please identify any other sources of funding that contribute to this Action (actions to support events such as workshop and conferences should include an outline budget identifying the total cost)</p>	