

Network Action Proposal

Title:	Visit of PhD Student Vadim Tikhanoff to LIRA Lab (IIT, Genoa)
Membership number(s)	97
Member name(s)	Prof. Angelo Cangelosi
Member institute/company name(s)	University of Plymouth
Goals of the action	<p>- To enable a 5-month research visit of PhD student Vadim Tikhanoff (University of Plymouth) to LIRA lab at the Italian Institute of Technology (Genoa). Vadim Tikhanoff has done research on language and cognition integration during his first year of PhD. His work was based on simulated robotic agents. Through the visit at IIT Vadim will be able to test and further develop his model of language interaction with robots using one of the LIRA robotic platforms (e.g. Humanoid Robot James). Vadim has already done some training on cognitive and humanoid robotics through his participation at the VVV 06 summer school in Ventimiglia organized by the Lira lab.</p> <p>- To support new research collaboration between Prof. A. Cangelosi's Adaptive Behaviour & Cognition lab (University of Plymouth) and Prof. Sandini's LIRA lab (now at Italian Institute of Technology). The research project of Tikhanoff at IIT will constitute the first practical collaboration between the groups in Plymouth and Genoa. This will further strengthen the plans and preparation of a new project proposal within new FP7 involving the two Labs.</p>
Principal activity to which it contributes <ul style="list-style-type: none"> o Community Outreach 	Community Outreach: <ul style="list-style-type: none"> - Exchange visit
Concrete outcomes of the action	<p>The action/visit will result in:</p> <ul style="list-style-type: none"> - international experience for Tikhanoff, as part of his PhD course and acquisition of new scientific and technical skills on robotic experiments for Tikhanoff - support new collaboration between the two labs in Plymouth and IIT Genoa (e.g. joint publication and new FP7 project proposal) - at least one <u>state-of-the-art-survey/position paper on linguistic communication of robots performing object manipulation tasks</u> to be published in the euCognition website. This will also be submitted for journal/conference publication
Effort in person-days that will be charged to the Network Action (if any)	N/A
Expected start and duration in months	1/3/2007 (5 months)
The requested funding, under the following headings:	

<ul style="list-style-type: none"> ○ Travel Costs ○ Other Costs (check with the Network Coordinator if you aren't sure about eligibility of these costs) ○ Labour Costs (identify the number of person-days and the rate per day). 	<p>€ 300 for one return trip Plymouth-Genoa (airfare + Plymouth-London train)</p> <p>€ 4000 support for accommodation and subsistence during visit in Genoa (800 euro per month x 5 months)</p> <p>€ 4300 TOTAL REQUESTED</p>
<p>Please identify any other sources of funding that contribute to this Action</p>	<p>The University of Plymouth will provide funding for Prof. Cangelosi's travelling to IIT Genoa during Tikhanoff's visit.</p>