ROBotic Open-architecture Technology for
Cognition, Understanding, and Behavior

Project No. 004370

RobotCub

Development of a Cognitive Humanoid Cub

Instrument: Integrated Project
Thematic Priority: IST – Cognitive Systems

D5N.2 Imitation and communication on the iCub

Due Date: Month 65
Submission date: Month 65

Start date of project: **01/09/2004**   Duration: **65 months**

Organisation name of lead contractor for this deliverable: DIST, University of Genova

Responsible Person: Giorgio Metta

Revision: **1.0**

Table of Contents

1 Introduction

This deliverable is a set of demonstrations to show the functioning of the software that implements imitation and communication on the iCub robot. This research has been carried out in Workpackage 5N (which merged WP5 and WP6 during the last period of the project). Beside the software per se that can be accessed on the iCub SourceForge SVN repository, we are including a wiki page with videos, papers and links to the iCub application or modules that implement a specific behaviour. This deliverable item is linked also to D5N.1 which contains the description of various experiments on imitation learning and communication performed on the iCub, in infants and in adult humans.

2 Links

The main link to the videos and references about the experiments described in the D5N.1 and relevant to D5N.3 can be browsed at the following URL:
http://eris.liralab.it/wiki/Deliverable_5N.2