

Ideal-Ist Success Story

Ideal-Ist – your Worldwide ICT Support Network



September 2010

Ideal-ist

Success Story

MIROR, ITALY



Ideal-ist Success Story

Ideal-ist – your Worldwide ICT Support Network



About Ideal-ist

Ideal-ist is the first and unique quality labelled international ICT partner search network with 13 years experience. The network of Ideal-ist consists of 63 national contact points (NCP) in the area of Information and Communications Technologies. The Consortium members are from EU and Non-EU Countries, including Associated States, Eastern European Partner Countries (EEPC) and Mediterranean Partner Countries (MPC) and Emerging countries like China, Brazil, India and South Africa. Ideal-ist is part funded by the European Commission and supports research organisations and companies worldwide

- to find partners for their project ideas.
- to join projects and
- to find services leading them to success in the 7th Framework programme.

Furthermore, the main goal is the enhancement of cooperation between the national NCPs within FP7 and an overall improvement of quality across Europe in the dynamically growing area of ICT.

This is in line with the international cooperation strategy of the European Commission.

How Did Ideal-ist Help?

The Ideal-ist partner search has been used behalf on the suggestion of ARIC-Area della Ricerca, University of Bologna. Thanks to Ideal-ist partner search, MIROR Project completed successfully the Consortium involving one SME.

The project received 20 Expressions of Interest.

The MIROR Consortium consists of a total of 7 partners from 6 different countries

Project Details

MIROR – Musical Interaction Relying On Reflexion | Italy | submitted in FP7-ICT-2009-5 objective ICT-2009.4.2:Technology-enhanced learning

The MIROR project is one of the two proposals with a maximum score value in the ranking list (15/15) with an enthusiastic feedback from the evaluators.



Ideal-Ist Success Story

Ideal-Ist – your Worldwide ICT Support Network



What Is the Project About?

The MIROR Project deals with the development of an innovative adaptive system for music learning and teaching based on the reflexive interaction paradigm. The platform will be developed in the context of early childhood music education. It will act as an advanced cognitive tutor, designed to promote specific cognitive abilities in the field of music improvisation, both in formal learning contexts (kindergartens, primary schools, music schools) and informal ones (at home, kinder centres, etc.).

The reflexive interaction paradigm is based on the idea of letting users manipulate virtual copies of



themselves, through specifically designed machine-learning software referred to as interactive reflexive musical systems (IRMS). By definition IRMS are able to learn and configure themselves according to their understanding of learner's behavior. We propose to extend the IRMS paradigm with the analysis and synthesis of multisensory expressive gesture to increase its impact on the musical pedagogy of young children, by developing new multimodal interface.

The project will be based on a novel spiral design approach involving coupled interactions between the technical partners and the psycho-pedagogical ones. The project will integrate both psychological case-study experiments, aiming to experiment cognitive hypothesis concerning the mirroring behaviour and the learning efficacy of the platform, and validation studies aiming at developing the software in concrete educational settings.

The project will contribute to promoting the reflexive interaction paradigm not only in the field of music learning but more generally as a new paradigm for establishing a synergy between learning and cognition in the context of child/machine interaction.



Ideal-Ist Success Story

Ideal-Ist – your Worldwide ICT Support Network



Detailed Information on the Project

Contact:

Dr. Anna Rita Addressi (Coordinator)

Department of Music and Performing Arts

Via Barberia 4, 40123 Bologna, Italy

Alma Mater Studiorum - Università di Bologna (UNIBO)
annarita.addressi@unibo, +39 051 209 2087



Get more information on the Ideal-ist partner search and ICT support services

Website: www.ideal-ist.net

E-mail: ideal-ist@ffg.at

Ideal-ist2011 (project number 231367) is part-funded by the European Commission under the FP7-ICT priority.

