Running Projects

Visual Dance Performance for Interactive Characters

Cyprus Research Promotion Foundation, 2012-2014

Participants:

*Dr Andreas Aristidou (young researcher),*

*Dr Yiorgos Chrysanthou (project coordinator)*

*Ms Anna Charalambous (dancer and choreographer)*

Project website: [http://vidape.cs.ucy.ac.cy/](http://vidape.cs.ucy.ac.cy/)
Reconstruction of everyday life in the 19th century Nicosia

Cyprus Research Promotion Foundation, 2012-2014

Participants:

*Dr Yiorgos Chrysanthou (project coordinator)*

*Dr Hesperia Iliadou*

*Mr Panayiotis Charalambous*

Project website: [http://reconlife.cs.ucy.ac.cy](http://reconlife.cs.ucy.ac.cy)

A State-of-the-Art VR CAVE facility for the Advancement of Multi-Disciplinary Research

Cyprus Research Promotion Foundation, 2012-2014
Projects

Participants:

Dr Charis Poullis (Cyprus University of Technology)

Dr Yiorgos Chrysanthou (University of Cyprus)

Project website:

HDRi: The digital capture, storage, transmission and display of real-world light.

EU COST Action IC1005, 2011-2015, (Cypriot representative)

Participants:

Dr Yiorgos Chrysanthou (University of Cyprus)

Project website:

Mobile AR-Assisted Maintenance.
Projects

Cyprus Research Promotion Foundation, 2010-2012

Participants:

Dr Yiorgos Chrysanthou

Project website:

Illumination Neutralisation With Application in Tracking

Cyprus Research Promotion Foundation, 2010-2012

Partners:

University of Cyprus, SIAT, Cyprus University of Technology

Participants:

Dr Yiorgos Chrysanthou
Past Projects

Synthesis of Dynamic Characters with Mocap Data for Human Animation: Educating the Cyprus Police Force

Cyprus Research Promotion Foundation, 2009-2011

Participants:

Dr Stephania Loizidou (Frederick University)

Dr Yiorgos Chrysanthou (University of Cyprus)

Project website:

Cyprus Food Virtual Museum
Projects

Cyprus Research Promotion Foundation, 2009-2010

Participants:

Dr Yiorgos Chrysanthou

Project website:

Eu Mediterranean Harbours' Ships and the Sea: The Invisible Routes

EU Interreg III B Archimed, 2009

Participants:

Dr Yiorgos Chrysanthou

Project website:

Scoliosis 2: Experimental photogrammetric system for diagnosis of scoliosis

PrimeTel, Gasteraia

Participants:

Dr Yiorgos Chrysanthou

Project website:

Cyprus Virtual Food Museum Project Website
Projects

SURFDATA: Surface reconstruction from unorganized datasets,
Cyprus Research Promotion Foundation, 2008-2009

Partners:

Project website:

Abstract:

Reconstructing Nicosia

Funded by:

Partners:
Projects

University of Cyprus, Leventio Municipal Museum

Participants:

Dr Yiorgos Chrysanthou

Project website:

Leventio Municipal Museum

Funded by: Leventio Municipal Museum

Partners:

University of Cyprus, Leventio Municipal Museum

Participants:

Dr Yiorgos Chrysanthou


Projects

Project website: Leventio Museum

Abstract: During this project two interactive installations were created and placed on permanent display in the Leventio Museum of Nicosia over the centuries and VR system allowing a walkthrough of different parts of the Town in the 19th century.

Tonemap: High fidelity images for a VR system with application to military training.

Cyprus Research Promotion Foundation, 2005-2007

Partners:
- Cyprus Ministry of defense
- Intercollege
- UCY
- VR Media
- University of Bristol

Project website: Tonemap Web

Abstract: High fidelity images for a VR system with application to military training.

Intuition: Network of excellence on VR and VE applications for future workspaces.
EU IST, Framework 6, Network of Excellence, 2004-2008

Partners: see project website for extensive list of participants

Project website: Project Website

Abstract: Network of Excellence on Virtual Reality and Virtual Environments

KIKIPEZ: Network of excellence on VR and VE applications for future workspaces

Cyprus Research Promotion Foundation, 2005-2007

Partners:
Abstract: The aim of the project is to develop novel navigation methods for dense crowd and to complement them with novel animation methods suitable with dense crowd. 

**Scoliosis: Automatic photogrammetry methods for diagnosis and follow up**

Cyprus Research Promotion Foundation, 2005-2008

**Partners:**

GeoImaging Ltd, UCY- Computer Science Dept, University of Thessaloniki - Department of Cadastre, Photogrammetry &amp; Cartography

Dr. Thanasis Zavitsanakis, Associate Professor, Aristotle University of Thessaloniki, Private Researcher

**Project website:** Scoliosis Website
Projects

Abstract: Automatic photogrammetry methods for diagnosis and follow-up of scoliosis

REALISM: A framework for realistic avatars
Cyprus Research Promotion Foundation, 2004-2005

Partners:

Project website:

CREATE: Constructivist Mixed Reality for Design, Education, and Cultural Heritage
EU IST, Framework 5, 2002-2005

Partners:

UCY, University College of London, Realviz, Percro, Foundation of Hellenic World, University of Cyprus
Projects

CSTB

Project website: Project Website at UCL

Abstract: The CREATE project (Constructivist Mixed Reality for Design, Education, and Cultural Heritage) aims to develop a platform that allows for the manipulation of virtual worlds based on real data sources, resulting in experiences that couple realism and interactivity.