



Retina-inspired ENcoding for advanced VISION tasks

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ICT-9-9.11 - FET Proactive: Neuro-Bio-Inspired Systems (NBIS)

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PROJECT BROCHURE & PROJECT WEB SITE

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Executive Summary

The report contains basic information regarding the implemented dissemination strategies. In particular, a short description of the content of both the project leaflet and the project web site are given.

Introduction

Much attention is being devoted to the project dissemination through different communication channels. At the current stage RENVISION has been advertised through institutional communications to local and national press as well as using Internet media. Indeed, RENVISION is disseminating through a project Web site and a Twitter account as well. Moreover, a brochure leaflet has been prepared as a further channel of dissemination.

Brochure

The leaflet has been kept simple with the minimal amount of information to allow a broader audience understands the few concepts presented.

In particular it gives an abstract view on the main question the technologies and the expect outcomes of the project.



Figure 1. The front and back of the leaflet to be folded in three columns

Web Site

A new web domain has been registered (<http://www.renvision-fp7.eu/>) and a web site has been created. The site is based on a standard CMT framework, it is maintained by the ICT service in IIT, and the project members may update its content using their personal account.

The current information is organized through a simple yet standard menu, which has some items accessible only by the members of the project:

- HOME – The landing page provides the basic information on the project, together with the last news and the snippets provided by the twitter account.
- ABOUT – the project abstract giving some details of the project goals.
- MEMBERS – the links to institutional web site of all partners and the personal homepages of all project members and collaborators.

- NEWS – all news regarding the project outcomes and related events.
- LINKS – links interesting to the project, to the partners and to a broader audience
- DOCUMENTS – (login required) all documents generated by the partners (e.g., deliverables, meeting minutes and presentations, papers, technical reports, etc.)



The screenshot shows the RENVISION website landing page. At the top is the RENVISION logo, which consists of a stylized eye icon and the word "RENVISION" in large blue letters. Below the logo is a navigation bar with links: HOME, ABOUT, MEMBERS, NEWS, LINKS, DOCUMENTS, and LOGIN FORM. There is also a search bar on the right. The main content area is divided into several sections. On the left, there is a diagram illustrating the project's workflow. It shows three main actions: Action 1 (novel large-scale & high-resolution experimental platform and analysis tools), Action 2 (pan-retinal experiments & computational modeling), and Action 3 (retina-inspired computation to solve artificial visual problems). These actions are connected by arrows, indicating a sequential process. Action 1 leads to Action 2, which leads to Action 3. Action 2 also leads to a box labeled "R&D of a retina-inspired artificial visual processing system". To the right of the diagram is a "Welcome" section. It contains text about the project being funded by the European Union FP7 FET (Future Emerging technology) proactive program: Neuro-Bio-Inspired Systems Call 9 Objective 9.11. It also mentions the project's aim: to decipher the biological processing of visual information in the retina and exploit this new knowledge to build retina-inspired artificial visual processing systems. Below the welcome section is a "Continue reading ..." link. At the bottom of the page, there are two more sections: "Twitter" and "Latest News". The Twitter section shows a tweet from @innovationunion about the European Month of the Brain in May. The Latest News section contains three articles: "2nd RENVISION meeting" (dated Wednesday, May 29, 2013), "Kick-off meeting" (dated Friday, March 22, 2013), and "Let's start" (dated Friday, 01 March, 2013).

RENVISION

HOME ABOUT MEMBERS NEWS LINKS DOCUMENTS LOGIN FORM

Q search...

Understand biological pre-processing of visual information in the retina

R&D of a retina-inspired artificial visual processing system

Action 2: pan-retinal experiments & computational modeling

Action 1: novel large-scale & high-resolution experimental platform and analysis tools

natural scenes human actions

Action 3: retina-inspired computation to solve artificial visual problems

Welcome

RENVISION is a three year project funded by the European Union FP7 FET (Future Emerging technology) proactive program: Neuro-Bio-Inspired Systems Call 9 Objective 9.11

It aims at deciphering the biological processing of visual information in the retina and exploiting this new knowledge to build retina-inspired artificial visual processing systems

Continue reading ...

Twitter

RT @innovationunion: Don't forget! European Month of the Brain in May. #brainmonth <http://t.co/DueeFcfTsW>
<http://t.co/TTuICZMPmP>
by RENVISION 133 days ago

Latest News

2nd RENVISION meeting

Wednesday, May 29, 2013
The next meeting will be held in November at Inria Sophia Antipolis. Follow this link for all information

Kick-off meeting

Friday, March 22, 2013
We held our project kick-off meeting on Wednesday, March 20, 2013 and Thursday, March 21, 2013. The meeting was held in Genova at the Istituto Italiano di Tecnologia.

Let's start

Friday, 01 March, 2013
We are all happy to announce that finally RENVISION begins ...

Figure 2. Snapshot of the web site landing page