

Cline, Danelle

From: Edgington, Duane
Sent: Tuesday, June 26, 2007 11:51 AM
To: Boudet, Francois; Cline, Danelle
Cc: Edgington, Duane; Mariette, Jerome
Subject: Marc'Aurelio Ranzato thesis and papers and source code

Francois, Danelle,

I took an action item in our meeting to clarify the thesis reports, paper, presentation and code that Marc'Aurelio Ranzato wrote on his work.

The copies that we have are all stored in the AVED project library, at
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 papers\caltech-classifier

1) **tesi.pdf**

is the first copy of his thesis, that he used for a defense of his Master's work, dated April 6, 2004. the first few pages are in Italian for his home university, but once you get past that the main body is in English.

2) As I mentioned yesterday, after defending the thesis Marc Aurelio traveled to Pasadena and spent several months in the Perona lab at Caltech. He published an updated copy of his thesis work, dated 26 August 2004. The file is
report.pdf

3) He also summarized the extra work he did in those several months in a report dated 26 August 2004. The file is
ranzato_final_report.pdf

4) The work was published in a peer-reviewed journal recently:
 M. Ranzato, P.E. Taylor, J.M. House, R.C. Flagan, Y. LeCun and P. Perona. "*Automatic Recognition of Biological Particles in Microscopic Images*". Pattern Recognition Letters, Volume 28, Issue 1, 1 January 2007, pp.31-39.

A copy that paper is the file:
ranzato-prl06.pdf

5) Marc'Aurelio gave a presentation at Caltech on his work. The powerpoint presentation is this file:
 Automatic Visual Recognition of Biological Particles.ppt

6) The original Matlab program, and sample database, that Marc'Aurelio gave to me for our use in the project is in the directory:
 Matlab

The Matlab code was modified and enhanced for our work by an MBARI employee Dorothy

Oliver. Her running code should all be in CVS, and should all be on server Nanomia, which she used for her work. We have a matlab software installation on Nanomia which can be used to run that code. Danelle, can you tell us where Dorothy's work is located on Nanomia?

Duane