



FOR IMMEDIATE RELEASE

Public Research contributes to A2iA's Technological Lead

Working closely with Universities and hiring PhD students enables A2iA to change fundamental research into innovative industrial applications.

Paris, 14 June 2005 - A2iA is pleased to announce Fabien Carmagnac's successful defence of his Computer Science thesis on 2 June 2005. He received his PhD in Computer Sciences from the University of Rouen - PSI Laboratory with high honours. His thesis is titled "**Supervised and Semi-Automatic Classification Applied to Document Images**".

He designed an original supervised classifier called "Inducted Distance Space Classifier", which was integrated into A2iA FieldReader in order to optimize its recognition capabilities. This classifier allows A2iA FieldReader to process heterogeneous stream of structured document images.

The second part of his thesis concerns Semi-Automatic Classification, which aims at helping users to retrieve all image classes in a set of heterogeneous document images. Labelled sets of document images can now be built very rapidly and easily, without any knowledge about the form or the content of the images.

"During the past 3 years, with the help of the University of Rouen and A2iA, I developed an extremely modular document identification engine, that is now integrated into A2iA FieldReader. I am glad my research improved the performance of such an advanced recognition engine." said Fabien Carmagnac.

Fabien Carmagnac has been a research and development engineer at A2iA since April 2001. He currently continues his research to adapt his classifier to A2iA's new unstructured document identification engine: A2iA DocumentReader.

For more information about his research, you can read his paper works that were published in many international conferences:

http://www.a2ia.com/docs/researchpapers/semi_supervised_en.pdf

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About A2iA - www.a2ia.com

A2iA (Artificial Intelligence & Image Analysis), founded in 1991 and headquartered in New York and Paris, is the worldwide leading developer of Intelligent Word Recognition (IWR) technology for reading natural handwriting, including cursive handwriting from paper documents. The company's technology has been helping paper intensive industries reduce data-entry costs and improve processing automation for over 14 years. A2iA's products combine the company's OCR, ICR and Intelligent Word Recognition with its artificial intelligence and neural network technology, making the most comprehensive advanced recognition engines on the market today.

For more information: www.a2ia.com.