
<u>WP nr & name</u>	<u>Task nr. & name</u> (according to the "Description of Work")
WP 1 "Integrated Workspace"	T1.1 Integration Models T1.2 Workspace Architecture & Implementation
WP 2 "Enhancing Content Usability"	T2.1a Textual Watermark Description Standard
WP 3 "Infrastructure for Paper Expertise"	T2.1b Numerical Paper description Standards T 2.2 Multi-lingual Access T3.1 Features Enhancement T3.2 Features Measurement T3.3 Authentication & Identification Module T3.4 Tools Databases Integration
WP 6 "Accessibility, Dissemination and Sustainability"	T6.1 Accessibility

Work accomplished / results

- Inventory of available software for automatic identification and matching of both paper structure (laid and chain line features) and watermarks (work in progress)
- Identification of paper features to be measured
- Identification of relevant digital resources and input material (X-ray, backlight, rubbings, tracings etc.)
- Enhancement and extension of automatic methods for automatic paper analysis, especially those for chain line enhancement and detection, developed by DUT within the framework of the Rembrandt- and CAAS-projects of NWO and DUT-Leiden University cooperation
- Starting the development of methods for automatic watermark detection (in cooperation with a MSC student from Spain within the Erasmus-exchange framework)

Dissemination activities (papers, talks, collaborations, advertisements...)

- Various lectures for the scientific community on the authentication and dating of etchings and other art objects on paper on the basis of paper analysis
 - DUT website on paper research:
http://ict.ewi.tudelft.nl/index.php?option=com_sections&id=37&Itemid=97
(Webpage on activities within Bernstein in progress)
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Materials bought / subcontracting (only in relation to this project)

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Global evaluation in relation to the project's objectives

- Emphasis in this period was on WP3, especially with respect to enhancement and extension of already developed paper analysis methods (chain lines, watermarks). The activities here are in line with the time schedule.

Improvements proposals / Comments

In the foregoing periods there were some problems with respect to the contact with the other partners, partly due to email and organization problems. These problems are solved now.

Appendix via e-mail:

'LECTURES / public meetings'

In the period sept-nov. 2006 we hadn't no specific Bernstein meetings. Just we had meetings with the partners with which we have regular contact in the paper analysis projects Rembrandt and CAAS: University Leiden, Rijksmuseum Amsterdam, Laurentius Art Delaers, Kupferstich Kabinet Dresden, Royal Library the Hague.

No press activities in this period

Lectures: Nov. 29: Fake and False in the Art, Amsterdam

Dec. 15: Authentication and Dating of Art on Paper, University of Nijmegen

Paper:

M. van Staalduinen, J.C.A. van der Lubbe, E. Backer, P. Paclik, "Paper retrieval based on specific paper features: Chain and laid lines", Proceedings of International Workshop on Multimedia Content Representation, Classification and Security, pp. 346-353, September 2006.

TUTORIALS, WORKSHOPS'

No workshops, tutorials in this period

Collaboration (other than Bernstein partners):

University Leiden

Radboud Universiteit Nijmegen

Rijksmuseum Amsterdam

Laurentius Art Dealers, Middelburg

Kupferstich Kabinet, Dresden

Prentenkabinet Leiden

Groninger Museum, Groningen

Ronald Jansen Art Dealer, Weesp

Auction house 'Venduehuis der Notarissen', Den Haag