

DAS 2004

Wednesday September 8	
8.00	Registration
8.45	Opening Remarks
9.00	Session 1:
L	“Document Analysis Systems for Digital Libraries: Challenges and Opportunities” H. Baird , <i>V. Govindaraju, D. P. Lopresti</i>
L	“The Trinity College Dublin 1872 Online Catalogue” J. G. Byrne “A semantic-based system for querying personal digital libraries” A. Malizia , <i>L. Cinque, R. Navigli</i>
10.25	Poster spotlight (group A)
10.50	Break / posters
11.20	Session 2:
L	“A Graph-based Framework for Web Document Mining” <i>A. Schenker, H. Bunke, M. Last, A. Kandel</i> “XML documents within a legal domain: standards and tools for the Italian legislative environment” <i>C. Biagioli, E. Francesconi, P. Spinosa, M. Taddei</i> “Rule-based structural analysis of web pages” <i>F. Vitali, A. Di Iorio, E. Ventura Campori</i> “Document Image Retrieval in a Question Answering System for Document Images” K. Kise , <i>S. Fukushima, K. Matsumoto</i>
12.50	Lunch
13.50	Session 3:
	“Results of a Study on Invoice-Reading Systems in Germany” B. Klein , <i>S. Agne, A. Dengel</i> “A Document Analysis System Based on Text Line Matching of Multiple OCR Outputs” Y. Nakano , <i>T. Hananoi, H. Miyao, M. Maruyama, K. Maruyama</i> “Performance Evaluation of Symbol Recognition” E. Valveny , <i>P. Dosch</i> “A platform to extract knowledge from graphic documents. Application to an architectural sketch understanding scenario” G. Sánchez , <i>E. Valveny, J. Lladós, J. Mas, N. Lozano</i>
15.10	Poster spotlight (group B)
15.40	Break / posters
16.10	Session 4:
	“The search for genericity in graphics recognition applications: Design issues of the Qgar software system” <i>J. Rendek, G. Masini, P. Dosch, K. Tombre</i> “Segmentation and Rejection Methods of Handwritten Characters for Digitalizing Korean Historical Documents” <i>M.S. Kim, K.T. Cho, H.K. Kwag, J.H. Kim</i> “Ensembles of classifiers for handwritten word recognition specialized on individual handwriting style” <i>S. Günter, H. Bunke</i> “Information Retrieval System for Handwritten Documents” S. N. Srihari , <i>A. Ganesh, C. Tomai, Y. C. Shin, C. Huang</i>

Poster (A)

- “Multi-View HAC for Semi-Supervised Document Image Classification”
F. Carmagnac, *P. Héroux, É. Trupin*
- “Recognizing Freeform Digital Ink Annotations”
M. Shilman, *Z. Wei*
- “Post Processing of Handwritten Pitman’s Shorthand using Unigram and Heuristic approaches”
S. M. Htwe, *C. Higgins, G. Leedham, M. Yang*
- “Automatic Extraction of Filled-in Items from Bank-check Images”
K. Ueda, *H. Maegawa, K. Matsuo*
- “A Segmentation-free Recognition Technique to Assist Old Greek Handwritten Manuscript OCR”
B. Gatos, *K. Ntzios, I. Pratikakis, S. Petridis, T. Konidakis, S. J. Perantonis*

Poster (B)

- “Attributed Graph Matching based Engineering Drawings Retrieval”
Ru Liu, *T. Baba, D. Masumoto*
- “Multi-Component Document Image Coding using Regions of Interest”
X.-W. Yin, *A. C. Downton, M. Fleury, J. He*
- “Document Image Watermarking based on Weight-Invariant Partition using Support Vector Machine”
S. Hu
“A hybrid approach to detect graphical symbols in documents”
S. Tabbone, L. Wendling, D. Zuwala
- “Video Degradation Model and Its Application to Character Recognition in e-Learning Videos”
J. Sun, *Y. Katsuyama, S. Naoi*

Authors information:

- The time assigned to oral presentations is 20 minutes, including discussion.
- Some presentations have a longer time (30 minutes), and are marked with a ‘L’.
- Each poster is introduced with a short (5 minutes) presentation. To reduce the context switch, each author presenting a poster should send the file of the presentation by September 3.
- The speaker of each paper is identified in **bold** typeface.
- Poster board size is approx. 50 x 70 cm (portrait).

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Thursday September 9	
8.30	Registration
9.00	Session 5: Keynote speech "Image quality issues in digitization projects of historical documents" F. Lotti
9.40	Session 6: "Colour Map Classification for Archive Documents" J. He, A. C. Downton "Bleed-through removal from degraded documents using a color decorrelation method" A. Tonazzini, E. Salerno, M. Mochi, L. Bedini
10.20	Poster spotlight (group C)
10.50	Break / posters
11.30	Session 7: L "Automatic Metadata retrieval from Ancient Manuscripts" F. Le Bourgeois, H. Kaileh "An Adaptive Binarization Technique for Low Quality Historical Documents" B. Gatos, I. Pratikakis, S. J. Perantonis "Serialized k-means for adaptative color image segmentation" Y. Leydier, F. Le Bourgeois, H. Emptoz "Self-Organizing Maps and Ancient Documents" E. Smigiel, A. Belaid, H. Hamza
12.50	Lunch
13.50	Session 8: L "Tilting at Windmills: Adventures in Attempting to Reconstruct Don Quixote" A. L. Spitz "DL Architecture for Indic scripts" S. Kompalli, S. Setlur, V. Govindaraju
15.10	Break
15.30	Discussion Groups
17.30	End of session
20.00	Banquet

Poster (C)

"Enriching Historical Manuscripts : The Bovary Project" S. Nicolas, T. Paquet, L. Heutte "Preprocessing and Segmentation of Bad Quality Machine Typed Documents" M. Szwoch, W. Szwoch "A Complete Approach to the Conversion of Typewritten Historical Documents for Digital Archives" A. Antonacopoulos, D. Karatzas "Toward Personalized Digital Library for Providing Information JIT" H. Ikeda, N. Furukawa, K. Marukawa, H. Fujisawa "Multiscale handwriting characterization for writers classification" V. Eglin, S. Bres, C. Rivero "Word-wise Script Identification from Indian Documents" S. Sinha, U. Pal, B. B. Chaudhuri
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Friday September 10	
8.30	Registration
9.00	Session 9: Keynote speech II "The future of document imaging in the era of electronic documents" T. Breuel
9.40	Session 10: (Session chair:) "A Robust Braille Recognition System" A. Antonacopoulos, D. Bridson "Natural Language Processing of Patents and Technical Documentation" G. Cascini, A. Fantechi, E. Spinicci
10.20	Poster spotlight (group D)
10.50	Break / posters
11.30	Session 11: "Adaptive Region Growing Color Segmentation for Text using Irregular Pyramid" P. K. Loo, C.-L. Tan "Word Grouping in Document Images Based on Voronoi Tessellation" Y. Lu, Z. Wang, C. L. Tan "Configurable Text Stamp Identification Tool with Application of Fuzzy Logic" J. He, A. C. Downton "Physical Layout Analysis of Complex Structured Arabic Documents using Artificial Neural Nets" K. Hadjar, R. Ingold
12.50	Lunch
13:50	Session 12: "An integrated approach for automatic semantic structure extraction in document images" M. Berardi, M. Lapi, D. Malerba "Contextual Swarm-based Multi-layered Lattices: A New Architecture for Contextual Pattern Recognition" D. G. Elliman, S. M. Youssef
14.30	Session 13: Results of discussion groups (Session chair: Henry Baird)
15.20	Concluding Remarks

Poster (D)

"DocMining: A Document Analysis System Builder" S. Adam, M. Rigamonti, É. Clavier, J.-M. Ogier, É. Trupin, K. Tombre "A Neural Network Classifier for Junk E-Mail" I. Stuart, S.-H. Cha, C. Tappert "Automatic Fax Routing" P. Viola, J. Rinker, M. Law "Layout and content extraction for PDF documents" H. Chao, J. Fan "Extracting Table Information from the Web" Y.-S. Kim, K.-H. Lee "Unity Is Strength: Coupling Media For Thematic Segmentation" D. Mekhaldi, D. Lalanne, R. Ingold
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