



ICDAR2005: PRELIMINARY CALL FOR PAPERS

8th International Conference on Document Analysis and Recognition

August 29 - September 1, 2005

Lotte Hotel Jamsil, Seoul, Korea

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Technical Program

You are invited to participate in the 8th International Conference on Document Analysis and Recognition (ICDAR) to be held during August 29 - September 1, 2005 in Seoul, Korea.

The ICDAR2005, sponsored by the International Association for Pattern Recognition (IAPR) TC-10 and TC-11, and the Korea Information Science Society, is an international premier forum for identifying, encouraging and exchanging ideas on the state-of-the-art in document analysis, understanding, retrieval, and performance evaluation, including various forms of multimedia documents. It brings together both researchers and practitioners from divergent fields such as computer vision, pattern recognition, machine learning and information retrieval in order to identify important problems, explore novel applications and exchange ideas for developing robust solutions.

The topics of interest for submission include, but not limited to:

Camera-based text processing

Color/gray scale/low-resolution
Image enhancement
Text detection

Character recognition

Multilingual text understanding
Segmentation-free applications
Use of linguistic knowledge

Document analysis systems

Hardware/software architecture
Methodologies
Software packages/tools

Document databases

Document summarization
Indexing and retrieval
Security

Document image analysis

Layout analysis
Logical structure analysis
Recognition of specific structure

Document understanding

Article detection
Conversion to structured format
Semantic analysis
Use of domain-specific knowledge

Graphics recognition

Analysis of maps/drawings
Symbol recognition
Vectorization

Handwriting recognition

Cursive script recognition
Handwritten characters and symbols
Pen-based interface
Signature verification

Multimedia documents

Digital libraries
Indexing multimedia contents
R&D environments

Performance evaluation

Benchmarking
Datasets
Degradation model
Performance characterization
Standardization

Applications

Digital libraries
Forms/check reading
Postal automation
Web applications

Important Dates

Paper submission due	January 31, 2005
Notification of acceptance	April 30, 2005
Camera-ready manuscript due	May 31, 2005
Advance registration due	May 31, 2005

ICDAR2005 Conference Secretariat

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